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THE METRIC SYSTEM OF WEIGHTS AND MEASURES COMPARED WITH BRITISH STANDARD WEIGHTS AND MEASURES

BY HENRY RUTTER.

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THE METRIC SYSTEM

OF

WEIGHTS AND MEASURES

COMPARED WITH

BRITISH STANDARD WEIGHTS AND MEASURES

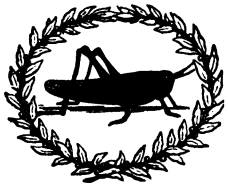
IN A COMPLETE SET OF COMPARATIVE TABLES;

ALSO,

TABLES OF EQUIVALENT PRICES UNDER THE TWO SYSTEMS; AND OF CHINESE AND INDIAN WEIGHTS COMPARED WITH METRIC WEIGHTS, ETC.

BY HENRY RUTTER,

AUTHOR OF EXCHANGE TABLES AND ARBITRATIONS OF EXCHANGES BETWEEN ENGLAND, INDIA, AND CHINA.



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LE SYSTÈME MÉTRIQUE

DE POIDS ET DE MESURES

COMPARÉ AVEC LES POIDS ET LES MESURES ANGLAIS DITS "STANDARD."

AU LECTEUR FRANÇAIS.

Les Tables suivantes de Poids et de Mesures comparatifs, avec les prix équivalents, ont été commencées lors de la rotation d'un Acte du Parlement de l'année passée, qui a légalisé en Angleterre l'usage du Système Métrique. Il faudra pourtant plusieurs années avant de pouvoir établir le système dans son intégrité en ce pays : mais en attendant ces Tables pourront venir en aide pour faciliter les affaires commerciales entre la France et l'Angleterre.

Les données des Tables sont puisées à une Série jointe au dit Acte de Parlement ; elles ne diffèrent que légèrement de celles qu'on a estimées antérieurement ; mais cette différence est elle toujours suffisante pour faire supprimer les autres. Les équivalents légaux se trouveront page xxii. de l'Introduction.

Les Tables comparatives de *Mesures de Longueur* se trouveront de page 1 à 16 ; puis celles de *Mesures de Surface* à page 24 ; de *Mesures Cubique* à page 32 ; de *Mesures de Capacité* à page 46 ; et de *Poids* à page 66. On y a ajouté (page 67 à 87) les Tables des *Prix Comparatifs* sous les

deux Systèmes ; et parmi les Tables diverses qui commencent à page 90 on trouvera les Tables de Poids Chinois et de Poids Indiens, comparés avec ceux du Système Métrique, *et vice versâ*.

L'écrivain veut bien espérer que ces Tables seront accueillies favorablement, et par le Négociant Français et par ses compatriotes. Quant à son aptitude et à ses moyens pour traiter ce sujet, il se permet de référer le Lecteur à un Ouvrage qu'il a publié déjà, et qui porte pour titre, " Exchange and Bullion Tables between England, India, and China," dont huit éditions ont vu le jour.

INTRODUCTORY.

"Look here upon this picture, and on this."

THE subjoined Tables were constructed in the hopes of facilitating the introduction of the Metric system of Weights and Measures into this country, now that the use of it has been legalized by Act of Parliament.* It is certain that a measure so strongly supported and recommended as this was, not only by Parliament, but by the Chambers of Commerce throughout the country, will not be suffered to fall into disuse, or rather, to become a dead letter; but still it seems that some Tables of the present kind are necessary for the information and convenience of those unconnected with foreign trade, to whom the *Metre*, *Are*, *Litre*, and *Gram*, with their equivalents in our British Standards of length, surface, capacity, and weight, are unknown.

The Metric system by its beauty and uniformity speaks for itself; for at the same time that its scientific arrangement is so complete, so perfect, it is also so simple that he who runs may read, nay, a child may learn it

* The following is the Act of Parliament 27th and 28th Victoriæ, cap. 117, passed 29th July 1864:—"Whereas, for the promotion and extension of our internal as well as our foreign trade, and for the advancement of science, it is expedient to legalize the use of the Metric system of Weights and Measures: Be it enacted by the Queen's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:—

"1. This Act may be cited as the 'Metric Weights and Measures Act, 1864.'

"2. Notwithstanding anything contained in any Act of Parliament to the contrary, no contract or dealing shall be deemed to be invalid or open to objection on the ground that the weights or measures expressed or referred to in such contract or dealing are weights or measures of the Metric system, or on the ground that decimal subdivisions of legal weights and measures, whether Metric or otherwise, are used in such contract or dealing.

"3. The table in the schedule hereto annexed shall be deemed to set forth, in terms of the weights and measures in force in this country, the equivalents of the weights and measures therein expressed in terms of the Metric system, and such table may be lawfully used for computing, determining, and expressing, in weights and measures, weights and measures of the Metric system."

The schedule to which this Act refers will be found in CHAP. III.

in a few hours, and will remember it through life,—it will benefit alike the mechanic, the trader, the merchant, the government official, and the man of science, by the economy both of time and labour. . . . . But the veil of prejudice, the fetters of old custom, and the jealousy or dislike engendered on account of its origin and period of introduction into Europe, lead many to prefer our own system, with its numerous unconnected subdivisions—so difficult to acquire at school—but so far more difficult to retain afterwards, that not one man of business in a thousand can repeat these Tables all through,—a system that, commencing with the barbarous ages,* has always required altering and amending—in fact, a thing "of shreds and patches." . . . . By a partial eye blemishes are sometimes admired, as with the lover who sees no faults in his mistress; and excrescences in nature are more valuable on that account, like the pearl in the oyster—but making such a preference as this!—I could almost say it is loving darkness rather than light.

And let not the Metric system be stigmatized as purely theoretical, neither let it be imagined (as one writer expresses it) that "common people cannot be brought to understand a Greek and Latin nomenclature, and the division of things into ten;" for have we not terms and derivatives without number of Greek and Latin in our language: and then as to the division by ten being difficult or incomprehensible to common people, I would say in reply, that in China, a demi-civilized country, far behind all Europe as to the education of the masses or popular instruction, the divisions of the weights and measures are uniformly of a decimal character; and that any shopman, any common porter, ay, and any little urchin in the streets understands, and can calculate by it; there is no confusion in using it, and the same system prevails all over that vast empire with its hundreds of millions of people, and has, no doubt, been the law of the land for ages,—I believe it has stamped its seal or impression upon them, rendering them a thoroughly practical people, imbued with

* "It is supposed that the origin of Long Measure was taken from a grain of barley, of which three selected out of the middle of an ear and well dried make an inch. The English yard is said to have been taken from the arm of King Henry I., in the year 1101; it has been in use ever since that period, and is retained in the new standard measures of extension."—See Joyce's *Arithmetic, etc.*

business habits and tastes in an eminent degree: of their commercial character and aptitude for trade I can testify from a long personal intercourse with them.

But we ought to take one step further in the decimal system, and that is to have a purely decimal coinage: and it is astonishing with what a small alteration in our *copper* coinage only, this result could be fully attained. Assuming the £ as the unit, we have the florin the tenth of it; the florin then has 96 farthings, and I would suggest that, in lieu of 96 farthings, we should have 100 coins as equal to a florin; and by this small change—a change which would be almost imperceptible to the poorer classes, whom indeed it would principally affect—we should thus secure all the advantages of a decimal currency.

With a decimal division of weights and measures, and a decimal currency, an immense saving of time would accrue to all classes; for instance, in teaching children arithmetic, some of those competent to judge have reckoned that one-half of the time now devoted to that branch of education would then be economised; and, on looking through the *Tutor's Assistant*, I cannot see that it would be necessary to teach more than the following rules for all the *general* requirements of trade and commerce:—

Addition,
Subtraction,
Multiplication,
Division,
} Simple and in Decimals.

Reduction of Vulgar Fractions into Decimals.

Rule of Three, with its various modes of application.

A thorough knowledge of these could be instilled into any child of ordinary capacity in a few months, and, what is more, such would be retained through life; whereas with arithmetic, as it is at present taught at schools, the many rules that have to be acquired cause confusion in the pupil's mind; they are often thrown aside soon after education is finished, and as soon forgotten. It is true there may be some other rule of arithmetic necessary for a particular branch of trade or commerce, but such could be acquired far better in after life.

Of course some inconvenience would arise on the first introduction of so great a change in our Weights and Measures; changes always cause trouble, and sometimes individual losses in the beginning. But hitherto Englishmen have not been wont to fear or shrink from either, when a positive benefit could be obtained in the end, or a *great truth* followed out. And the difficulties are not insurmountable, as, for instance, in France, Holland, and Belgium, where the old weights and measures have been quite thrown aside; and in Spain, Portugal, Italy (except the Papal dominions), Switzerland, Greece, Germany, Denmark, Mexico, and some parts of South America, where the Metric system has been already introduced, and is making progress. A commencement has now been made in this country by legalizing the system; and, considering the advantages that would be gained by it, above all, the time that would be economised—and TIME IS MONEY—can I not add that its complete adoption by us would be adding to the NATIONAL WEALTH?

Should, however, my expectations be too sanguine as to its introduction into England, the following Tables will at all events be useful to those engaged in commerce with countries in which it is the law, enabling them more readily to convert our weights and measures into Metric quantities, and *vice versa*. In its "permissive" state the system can hardly make further progress unless our Government gives it an impetus by making the teaching of it compulsory in schools, and ordering its use in the Custom's department, and other public offices.

I may add that I have consulted the most eminent commercial authorities for my data for the few following remarks; and that the whole has received my undivided attention for some months. And to prove my capability for the undertaking, I beg to refer to a former work published by me, *Exchange and Bullion Tables between England, India, and China*, which has gone through eight editions.

H. R.

GLEBELANDS, MITCHAM,
31*st July* 1865.

CHAPTER I.

THE METRIC SYSTEM.

THIS system was first introduced into Europe by the French Republican Government in 1793, and it is now entirely adopted by France, as also by Holland and Belgium, and is in process of introduction by several other nations as well in America as in Europe. It is unquestionably the most scientific system in the world, combining at the same time the greatest simplicity. It is founded on a Natural Standard, the METRE having been estimated to be the ten-millionth part of the earth's meridian, or distance from the Equator to the Pole: this was deduced from the careful measurement of an arc of the meridian between Dunkirk and Barcelona.

The following are the *Integers* of length, surface, capacity, and weight, with their legalized equivalents in the Measures and Weights of this country, according to Act of Parliament (27th and 28th Victoriæ, cap. 117):—

The METRE, the basis of the system, is a measure of Length equal to 39 · 37079 inches.

The ARE is a measure of Surface, containing 100 Square Metres, and is equal to 119 · 603326 square yards.

The LITRE is the unit of measures of Capacity, both for dry goods and liquids; it is the $\frac{1}{1000}$th part of a cubic metre, and is equal to 1 · 76077 pints.

The GRAM, the unit of Weights, is the weight of the $\frac{1}{1000000}$th part of a cubic metre of pure water, of the temperature of melting ice, and is equal to 0 · 56438304 dram avoirdupois, or 15 · 4323487 grains Troy.

Cubic Measurement.—There is no mention made of this in the Act of Parliament, but the cube of the Metre, according to the length given above, is equal to 35 · 31658074037381 cubic feet.

The multiples and sub-multiples of these integers are invariably in decimal proportion, the distinguishing feature between the multiples and divisors being that the former have Greek prefixes, and the latter Latin.

Multiples.			*Divisors or Sub-multiples.*		
Deka	=	10 times.	Deci	=	$\frac{1}{10}$th part.
Hecto	=	100 ,,	Centi	=	$\frac{1}{100}$th ,,
Kilo	=	1,000 ,,	Milli	=	$\frac{1}{1000}$th ,,
Myria	=	10,000 ,,			

These terms—and they are the whole which have to be learned—are prefixed respectively to the above integers, the Metre, Are, Litre, and Gram, with some slight exceptions, which may be seen in the following Tables. And in these few words we have a complete outline of the Metric system; it is the same in every respect as that in use in France; also in Belgium and the Netherlands, but with different denominations, which are given below.

MEASURES OF LENGTH.

The beauty and simplicity of the Metric system, as before stated, is derived principally from the arrangement of the multipliers and divisors being in decimal proportion. With the exception of this decimal character, which cannot be changed, custom will perhaps introduce some modification as to the *number of terms* which may be used in any particular science, or branch of trade or commerce; and this can be done without creating any confusion. Thus distances may be computed as so many Kilometres and decimal parts of a Kilometre (as is the custom in France); while in Cloth Measure, Metres and decimal parts of a Metre would only be necessary; for instance, we might say so many thousand Metres of cloth. The Myriametre is equal to 10,936 · 3305 yards; and the Millimetre (the ten-millionth part of the former) is 0 · 03937079 inch, or about the diameter of a common pin's head.

The following synoptical Tables of Metric Measures and Weights, if placed side by side with those of our own system, will speak more in favour of a decimal division of measures and weights than anything that could otherwise be written or argued. For *Length* we have—

Millimetre.	Centimetre.	Decimetre.	METRE.	Dekametre.	Hectometre.	Kilometre.	Myriametre.
1							
10	1						
100	10	1					
1,000	100	10	1				
10,000	1,000	100	10	1			
100,000	10,000	1,000	100	10	1		
1,000,000	100,000	10,000	1,000	100	10	1	
10,000,000	1,000,000	100,000	10,000	1,000	100	10	1

MEASURES OF SURFACE.

The smallest division under the head of Measures of Surface is the Centiare or square metre, equal to 1·19603326 square yard, which is hardly small enough for the general requirements of Square Measure. It is true we can subdivide it by 10 and 100; but this would be inconvenient in some branches of trade where *only* tenths or hundredths of a Centiare are employed; and a nomenclature is therefore necessary.

Square Metres.	Centiare.	ARE.	Dekare.	Hectare.
1	1			
100	100	1		
1,000	1,000	10	1	
10,000	10,000	100	10	1

MEASURES OF CAPACITY.

The same measures, as before remarked, are applied both to dry goods and liquids. The Litre, the unit of Capacity, is a cubic decimetre, or $\frac{1}{1000}$th part of a cubic metre; and filled with pure water, of the temperature of melting ice, weighs one Kilogram; it is equal to 1·76077 pint. *Kilo* is the highest multiple, and *Centi* the lowest sub-multiple. The following Table gives the equivalents of measures of capacity to cubic measurement, and weight of the same filled with water.

Weight if filled with water. Grams.	Cubic Measurement. Cubic Metre. decimals.	Centilitre.	Decilitre.	LITRE.	Dekalitre.	Hectolitre.	Kilolitre.
10	0 · 00001	1					
100	0 · 0001	10	1				
1,000	0 · 001	100	10	1			
10,000	0 · 01	1,000	100	10	1		
100,000	0 · 1	10,000	1,000	100	10	1	
1,000,000	1 ·	100,000	10,000	1,000	100	10	1

WEIGHTS.

In this branch of the Metric System also, custom will no doubt introduce some modification of the number of terms employed: thus where Avoirdupois weight is now used, quantities will no doubt be written off as so many Kilograms and decimal parts of a Kilogram; while for precious metals, etc., accounts will be rendered as so many hundred or thousand Grams, etc.; and in consequence of the system being entirely of a decimal character, as before remarked, no confusion could arise from such alterations.

Or equal to Measure of Capacity. Litres. decimals.	Cubic Measurement of same weight of water. Metres. decimals.	Milligram.	Centigram.	Decigram.	GRAM.	Dekagram.	Hectogram.	Kilogram.	Myriagram.	Quintal.	Millier.
0·000001	0·000000001	1									
0·00001	0·00000001	10	1								
0·0001	0·0000001	100	10	1							
0·001	0·000001	1,000	100	10	1						
0·01	0·00001	10,000	1,000	100	10	1					
0·1	0·0001	100,000	10,000	1,000	100	10	1				
1·	0·001	1,000,000	100,000	10,000	1,000	100	10	1			
10·	0·01	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1		
100·	0·1	100,000,000	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1	
1000·	1·	1,000,000,000	100,000,000	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1

CUBIC MEASUREMENT.

There is no mention made of Cubic Measurement in the Act of Parliament which legalizes the use of the Metric System in this country. This is the more to be regretted, as in Le Système Métrique of the French, the Standard Measures of Solidity are too unwieldy for the requirements of general trade and commerce. Thus, the French system gives the Stere or Cubic Metre as the unit, the solid contents of which are equal to 35 · 31658 English cubic feet. The Stere has a multiple of 10 called the Dekastere, equal to 353 · 1658 cubic feet, and a sub-multiple of 10, the Decistere, equal to 3 · 531658 cubic feet. The following Table will more fully explain the French system :—

Weight if filled with Water. Grams.	Equal to Measure of Capacity. Litres.	Or Cubic Metres.			
			Decistere.		
100,000	100	0 · 1	1		
				Stere.	
1,000,000	1,000	1 ·	10	1	
					Dekastere.
10,000,000	10,000	10 ·	100	10	1

The above has, however, almost fallen into disuse, except for the measurement of firewood, and instead cubes of the Metre, Decimetre, and Centimetre are employed; which will be found a more practical arrangement for us, and approaches more nearly to our cubic foot and inch. The following Table gives the comparison of the cubes thus stated with the French system :—

Le Système Métrique.		Weight if filled with water.	Equivalent Measure of Capacity.			
Stere.	Deci-stere. decimals.	Grams.	Litres. decimals.	Cubic Centimetre.		
0	0 · 00001	1	0 · 001	1		
					Cubic Decimetre.	
0	0 · 01	1,000	1 ·	1,000	1	
						Cubic Metre.
1		1,000,000	1,000 ·	1,000,000	1,000	1

A close inspection of the foregoing Tables discloses a beautiful series of equations between Cubic Measurement, Measure of Capacity, and Weight (of water),—results which, by our own system, cannot be obtained without some calculation and tedious reference to authorities.

Cubic Measurement.		*Measure of Capacity.*		*Weight of water at 39°.*
1 Cubic Metre	=	1 Kilolitre	=	1 Millier,
$\frac{1}{10}$ Do.	=	1 Hectolitre	=	1 Quintal.
$\frac{1}{100}$ Do.	=	1 Dekalitre	=	1 Myriagram.
1 Cubic Decimetre	=	1 Litre	=	1 Kilogram.
$\frac{1}{10}$ Do.	=	1 Decilitre	=	1 Hectogram.
$\frac{1}{100}$ Do.	=	1 Centilitre	=	1 Dekagram.
1 Cubic Centimetre	=	$\frac{1}{10}$ Do.	=	1 Gram.
$\frac{1}{10}$ Do.	=	$\frac{1}{100}$ Do.	=	1 Decigram.
$\frac{1}{100}$ Do.	=	$\frac{1}{1000}$ Do.	=	1 Centigram.
1 Cubic Millimetre	=	$\frac{1}{10000}$ Do.	=	1 Milligram.

and as the integers are all units, it thence follows that the same series of figures always represent Cubic Measurement, Measure of Capacity, and Weight (of water);—thus the cubic measurement of 24689 litres is 24689 cubic Decimetres, and the same would weigh, if filled with water, 24689 Kilograms. It requires some care, however, to determine the place of the decimal point where fractions occur, as $\frac{1}{10}$ or $\frac{1}{100}$ of a Cubic Metre, etc.; or $\frac{1}{10}$, $\frac{1}{100}$, $\frac{1}{1000}$, or $\frac{1}{10000}$ of a Centilitre.

In the NETHERLANDS the Metric System is used with the following denominations:—

Weights.—The Pond is the same as the Kilogram, and is equal to 10 Oncen, 100 Looden, 1000 Wigtjes, and 10,000 Korrels (Decigrams).

Capacity—*for dry Goods.*—The Hectolitre corresponds with Mudde or Zak, and is equal to 10 Schepel, 100 Kop (or litres), 1000 Maatjees. *For Liquids;* the Vat corresponds with the Hectolitre: and the Kan corresponds with the litre, being equal to 10 Maatjees, or 100 Vingerhoeds (Centilitres).

Length.—The Elle is equivalent to the Metre, and is composed of 10 Palm,

100 Duim, or 1000 Streep (Millimetres). The Mijle corresponds with the Kilometre; and the Roede with the Dekametre.

Surface.—The Bunder is equal to the Are; and the Vierkante elle to the Centiare.

In BELGIUM the weights are also the same as in France, but the Kilogram is termed Livre; the Litre is termed Litron; and the Metre, Aune.

CHAPTER II.

BRITISH STANDARD WEIGHTS AND MEASURES.

THE present work would be incomplete if Tables of our own Weights and Measures were not also given; for though such information may be found in any Tutor's Assistant, it is not always that such a reference is close at hand; and there are few persons who have *all* our Tables so well impressed on the memory as never to require assistance. Besides, the foreigner (to whom it is hoped these pages will be also acceptable) will be at a still greater loss than our own countrymen on the subject.

Commencing with MEASURES OF LENGTH, we find that, by Act of Parliament passed in 1824, the YARD was declared to be the unit from which all other measures of extension whatever, whether lineal, superficial, or solid, are based. The original Standard Yard Measure was lost on the destruction by fire of the Houses of Parliament in 1834; and it was afterwards enacted that the length of a pendulum vibrating seconds should be the datum from which to compute the Yard. The following is the mode for reproducing it, prescribed in the Act of Parliament:—

"It has been ascertained by the Commissioners appointed by His Majesty to inquire into the subject of Weights and Measures, that the said Yard, hereby declared to be the Imperial Standard Yard, when compared with a pendulum vibrating seconds of mean time in the latitude of London, in a vacuum at the level of the sea, is in the proportion of 36 inches to 39 inches and 1393 ten-thousandth parts of an inch."

From which it may be deduced that an inch is 0 · 0255 of one such pendulum; or one mile of 1760 yards would be equal to 1618 · 833 such pendulums.—

But it has been since ascertained that the Yard cannot be exactly reproduced in this manner, as some of these directions are incorrect.*

LONG MEASURE.

12 inches = 1 foot; 3 feet = 1 yard; 5½ yards = 1 pole or rod; 40 poles = 1 furlong; 8 furlongs, or 1760 yards, = 1 mile. Besides this, we have 3 inches = 1 palm; 4 inches = 1 hand; 9 inches = 1 span; and 6 feet = 1 fathom. A mile = 63,360 inches, or 5,280 feet.

For CLOTH.—2¼ inches = 1 nail; 4 nails = 1 quarter; 4 quarters = 1 yard; 5 quarters = 1 ell. The yard is sometimes divided into quarters, eighths, and sixteenths,—of 9, 4½, and 2¼ inches respectively.

SUPERFICIAL MEASURE.

144 square inches = 1 square foot; 9 square feet = 1 square yard; 30¼ square yards = 1 square pole; 40 square poles = 1 rood; 4 roods = 1 acre. An acre contains 6,272,640 square inches, or 4840 square yards, and measures on each side about 208 feet 8½ inches. A square mile contains 4,014,489,600 square inches, or 3,097,600 square yards, or 640 acres. A hide of land is 100 acres. Of course, any length or breadth in yards, which, multiplied, make 4840, contains an acre; so sides whose multiple makes 3,097,600 square yards is a square mile.

CUBIC OR SOLID MEASURE.

Weight of water in air, Ther. 60°. Bar. 30°.	Equal to Measure of Capacity. galls. decimals.	Cubic Inch.	Cubic Foot.	Cubic Yard.
lbs. Avoir. 0 · 0361	0 · 00360	1		
,, 62 · 321	6 · 23210	1,728	1	
,, 1682 · 669	168 · 267	46,656	27	1

* *Vide* "Tate's Modern Cambist," page 9. † Or 252 · 458 Grains Troy.

A cubic inch of water is computed to weigh 0·264 grains Troy more in a vacuum than in air. (See Report of Committee on the Weights, etc., Act of 1824.)

MEASURES OF CAPACITY.

The Act of Parliament of 1824 declares the Imperial Standard *GALLON* to be the unit of Measures of Capacity, and to be the only standard from which all other measures, whether for dry goods or liquids, shall be computed. It measures 277 · 274 cubic inches, and contains 10 lbs. weight Avoirdupois of distilled water, weighed in air, Fahrenheit's thermometer at 62°, and barometer at 30°. The following Table is deduced therefrom :—

Weight of Water.	Cubic Measurement.						
lbs. dec.	Cubic Inches. dec.	Pint.	Quart.	Gallon.	Peck.	Bushel.	Quarter.
1 · 25	34 · 659	1					
2 · 5	69 · 318	2	1				
10 ·	277 · 274	8	4	1			
20 ·	554 · 548	16	8	2	1		
80 ·	2,218 · 192	64	32	8	4	1	
640 ·	17,745 · 536	512	256	64	32	8	1

Before the Act of 1824 was passed, there were three several gallons; the Wine gallon of 231 cubic inches, containing 8 lbs. 5 oz. 6½ drams weight of water; the Ale gallon, 282 cubic inches and 10 lbs. 2 oz. 11½ drams; and the gallon of dry measure of 268 · 8 cubic inches and 9 lbs. 10 oz. 1¾ drams weight of water.

WEIGHTS.

The Imperial Standard, TROY POUND,* is the legal unit from which all other weights are computed: it contains 5760 grains; and 7000 grains Troy are equal to one pound Avoirdupois.

* The Commissioners appointed by Government in 1838 to report on our weights and measures, recommended that the pound Avoirdupois should be adopted as the STANDARD; the pound Troy being now almost unknown in commercial transactions.

TROY WEIGHT.—24 grains = 1 pennyweight (dwt.), 20 pennyweights = 1 ounce (oz.), 12 ounces = 1 pound (lb.)

In weighing Diamonds, there are 151½ carats to the ounce Troy; and for Pearls, the ounce is divided into 600 grains, 5 of which are equal to 4 grains Troy.

AVOIRDUPOIS WEIGHT.—16 drams = 1 ounce, 16 ounces = 1 pound, 14 pounds = 1 stone, 28 pounds = 1 quarter, 4 quarters or 8 stones = 1 hundredweight (cwt.), 20 hundredweight = 1 ton; and 1 dram = 27 · 34375 grains Troy; 1 ounce = 437 · 5 grains Troy.

APOTHECARIES' WEIGHT.—20 grains = 1 scruple, 3 scruples = 1 dram, 8 drams = 1 ounce, 12 ounces = 1 pound. The pound, ounce, and grain of Apothecaries' weight, are the same as the pound, ounce, and grain of Troy weight.

These are the principal denominations or divisions in our weights and measures; there are some others which are used in particular branches of our trade and commerce, but which it is unnecessary to specify here.

Having thus given an outline of the two systems of weights and measures, it remains to notice the "Comparative Tables," and the Data which form the groundwork of them.

CHAPTER III.

COMPARATIVE TABLES OF THE TWO SYSTEMS.

To the Act of Parliament by which the use of the Metric System is legalized in this country is appended a Schedule of Equivalents, and these form the DATA upon which the following Comparative Tables are calculated. They differ but slightly from those previously published, still the difference is quite sufficient to cause all others to be thrown aside. It will be seen that no equivalents are given in this Schedule for Cubic Measurement; and this

is the more to be regretted, as there has been some confusion on the subject by writers.

The connecting link between Cubic Measurement and Weight of water, viz., that the Gram is the weight of a cubic Centimetre of water is not given in this Act; and as the French adopt a different standard *for the temperature* of water to that prescribed by the Act of 1824, this seems to be an omission of some importance. According to "Le Système Métrique" of the French, the temperature is taken at that of melting ice, or 39° Fahrenheit, at which water is of the greatest density. The difference between the two temperatures makes a difference in the weight of a body of water of 0 · 1662 per cent.* Thus a gallon of water at 62° weighs 10 lbs.; but by the French method it weighs 10 · 01662; as may be proved by Chain Rule as follows (the Equivalents for the litre and kilogram being given in the Schedule below; and the connexion between the litre and kilogram is explained in Chap. II.):—

? lbs.	=	1 gallon.
1 gallon	=	8 pints.
1 · 76077 pint	=	1 litre.
1 litre	=	1 kilogram.
1 kilogram	=	2 lbs. 3 oz. 4 · 38304 drams (or 2 · 20462 lbs.)

$$\frac{8 \times 2 \cdot 20462}{176077} = 10 \cdot 01662 \text{ lbs.}$$

Then, for the difference per cent.:—

lbs.		lbs.		lbs.		
As 10	:	·01662	: :	100	:	0 · 1662.

The following is the Schedule above referred to as given in the Act of Parliament 27th and 28th Victoriæ, cap. 117, and on which the Comparative Tables are based:—

> "Schedule of Tables of the Values of the principal Denominations of Measures and Weights on the Metric System, expressed by means of the legalized Denominations of Measures and Weights in Great Britain and Ireland."

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* The Committee of the House of Commons on whose report the Act of 1824 was passed, stated that the two temperatures 62° and 39° vary the bulk of a gallon of water one-third of a cubic inch. This is equal to 0·1202 per cent. only; for—

Cubic Inches.		Cubic Inches.		Cubic Inches		
As 277·274	:	$\frac{1}{3}$	:	100	:	0·1202

MEASURES OF LENGTH.

Metric Denominations and Values.		Equivalents in British Denominations.				
	Metres.	Miles.	Yards.	Feet.	Inches.	Decimals.
Myriametre, . . .	10,000	6	376	0	11	· 9
		or	10,936	0	11	· 9
Kilometre, ...	1,000		1,093	1	10	· 79
Hectometre, . . .	100		109	1	1	· 079
Dekametre, . . .	10		10	2	9	· 7079
Metre, ...	1		1	0	3	· 3708
Decimetre, ...	$\frac{1}{10}$				3	· 9371
Centimetre, . . .	$\frac{1}{100}$				0	· 3937
Millimetre, . . .	$\frac{1}{1000}$				0	· 0394

MEASURES OF SURFACE.

Metric Denominations and Values.		Equivalents in British Denominations.		
	Square Metres.	Acres.	Square Yards.	Decimals.
Hectare, *i.e.*, 100 Ares, . . .	10,000	2	2,280	· 3326
		or	11,960	· 3326
Dekare, *i.e.*, 10 Ares, ...	1,000		1,196	· 0333
Are, ...	100		119	· 6033
Centiare, *i.e.*, $\frac{1}{100}$ Are, . . .	1		1	· 1960

MEASURES OF CAPACITY.

Metric Denominations and Values.		Equivalents in British Denominations.					
	Cubic Metres.	Quarters.	Bushels	Pecks.	Gallons.	Quarts.	Pts. Decimals.
Kilolitre, *i.e.*, 1000 Litres,	1	3	3	2	0	0	0 · 77
Hectolitre, *i.e.*, 100 Litres,	$\frac{1}{10}$		2	3	0	0	0 · 077
Dekalitre, *i.e.*, 10 Litres,	$\frac{1}{100}$			1	0	0	1 · 6077
Litre, ...	$\frac{1}{1000}$						1 · 76077
Decilitre, *i.e.*, $\frac{1}{10}$ Litre, .	$\frac{1}{10000}$						0 · 176077
Centilitre, *i.e.*, $\frac{1}{100}$ Litre,	$\frac{1}{100000}$						0 · 0176077

WEIGHTS.

Metric Denominations and Values.		Equivalents in British Denominations.					
	Grams.	Cwts.	Stones.	Pounds.	Ounces.	Drams.	Decimals.
Millier, . . .	1,000,000	19	5	6	9	15	· 04
Quintal, . . .	100,000	1	7	10	7	6	· 304
Myriagram, . .	10,000		1	8	0	11	· 8304
Kilogram, . . .	1,000	(or 15,432·3487 grains)*		2	3	4	· 3830
Hectogram, . .	100				3	8	4383
Dekagram, . .	10						· 6438
Gram, . . .	1					0	· 56438
Decigram, . . .	$\frac{1}{10}$					0	· 056438
Centigram, . .	$\frac{1}{100}$					0	· 0056438
Milligram, . .	$\frac{1}{1000}$					0	· 00056438

The above are the whole of the Equivalents attached to the Act of Parliament. The following DATA *are deduced therefrom :—*

LENGTH.—1 Metre =

- 39 · 37079 inches.
- 3 · 28089916 feet.
- 1 · 09363305 yard.
- 0 · 19884237 pole.
- 0 · 00497105934 furlong.
- 0 · 00062138241792 mile.

SURFACE. { 1 Centiare or Square Metre } =

- 1550 · 0591052241 square inches.
- 10 · 764299341834027 square feet.
- 1 · 1960332602, etc., square yard.
- 0 · 0395382896, etc., square pole.
- 0 · 0009884572, etc., rood.
- 0 · 00024711431, etc., acre.
- 0 · 000000386116109, etc., square mile.

* The Kilogram was ascertained by Professor Miller to be equal to 15,432 · 34874 grains Troy, thus carrying out the calculation one place further in the decimals. In the following Tables I have taken it at 15,432 · 34875 grains, for I found that such was the *exact* equivalent (without any remainder) of 2 lbs. 3 oz. 4 · 38304 drams, as given above.

CAPACITY.—1 Litre =

- 1 · 76077 pint.
- 0 · 880385 quart.
- 0 · 22009625 gallon.
- 0 · 110048125 peck.
- 0 · 02751203125 bushel.
- 0 · 00343900390625 quarter.

WEIGHT.—1 Kilogram =

- 564 · 38304 drams Avoir.
- 35 · 27394 ounces Avoir.
- 2 · 20462125 pounds Avoir.
- 0 · 157472946428571̇ stone Avoir.
- 0 · 078736473214285$\dot{7}$ quarter Avoir.
- 0 · 0196841183035, etc., cwt. Avoir.

15432 · 3487 grains Troy (see Note on previous page.)

- 643 · 01452916̇ dwts. Troy
- 32 · 150726458$\dot{3}$ ounces Troy.
- 2 · 679227204861̇ pounds Troy.

SOLID.

1 Cubic Metre =

- 61027 · 05151936594, etc., cubic inches.
- 35 · 31658074037, etc., cubic feet.
- 1 · 3080215089, etc., cubic yard.

1 Cubic Decimetre =

- 61 · 0270515, etc., cubic inches.
- 0 · 03531658, etc., cubic feet.
- 0 · 00130802, etc., cubic yard.

1 Cubic Centimetre =

- 0 · 06102705, etc., cubic inches.
- 0 · 00003531658, etc., cubic feet.
- 0 · 00000130802, etc., cubic yard.

1 Cubic Millimetre =

- 0 · 00006102705, etc., cubic inches.
- 0 · 000000035316, etc., cubic feet.
- 0 · 000000001308, etc., cubic yard.

LINEAL MEASURES

OR

MEASURES OF LENGTH.

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MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

			Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals.
		decimals.								
1 inch . .	or mile	0·000015782	...	...	...	...	...	...	2	5 · 399541
2 ,, . .	,,	0·00003156	...	...	...	...	...	...	5	0 · 799082
3 ,, . .	,,	0·000047348	...	...	...	...	...	...	7	6 · 198623
4 ,, . .	,,	0·00006314	...	...	...	...	...	1	0	1 · 598165
5 ,, . .	,,	0·000078914	...	...	...	...	...	1	2	6 · 997706
6 ,, . .	,,	0·00009469	...	...	...	...	...	1	5	2 · 397247
7 ,, . .	,,	0·000110479	...	...	...	...	...	1	7	7 · 796788
8 ,, . .	,,	0·00012628	...	...	...	...	...	2	0	3 · 196329
9 ,, . .	,,	0·000142045	...	...	...	...	...	2	2	8 · 595870
10 ,, . .	,,	0·00015782	...	...	...	...	...	2	5	3 · 995411
11 ,, . .	,,	0·00017361	...	...	...	...	...	2	7	9 · 394952
1 foot . .	,,	0·00018943	...	...	...	...	...	3	0	4 · 794494
2 ,, . .	,,	0·00037878	...	...	...	...	...	6	0	9 · 588987
1 yard . .	,,	0·00056821	...	...	...	...	...	9	1	4 · 38348
2 ,, . .	,,	0·00113636	...	...	...	...	1	8	2	8 · 7670
3 ,, . .	,,	0·00170455	...	...	...	...	2	7	4	3 · 1504
4 ,, . .	,,	0·00227	...	...	...	...	3	6	5	7 · 5339
5 ,, . .	,,	0·00284069	...	...	...	...	4	5	7	1 · 9174
5½ ,, or 1 pole	,,	0·003125	...	...	...	...	5	0	2	9 · 1091
2	,,	0·00625	...	...	...	1	0	0	5	8 · 2183
3	,,	0·009375	...	...	...	1	5	0	8	7 · 3274
4	,,	0·0125	...	...	...	2	0	1	1	6 · 4366
5	,,	0·015625	...	...	...	2	5	1	4	5 · 5457
6	,,	0·01875	...	...	...	3	0	1	7	4 · 6549
7	,,	0·021875	...	...	...	3	5	2	0	3 · 7640
8	,,	0·025	...	...	...	4	0	2	3	2 · 8732
9	,,	0·028125	...	...	...	4	5	2	6	1 · 9823
10	,,	0·03125	...	...	...	5	0	2	9	1 · 0914
11	,,	0·034375	...	...	...	5	5	3	2	0 · 2006
12	,,	0·0375	...	...	...	6	0	3	4	9 · 3097
13	,,	0·040625	...	...	...	6	5	3	7	8 · 4189
14	,,	0·04375	...	...	...	7	0	4	0	7 · 5280
15	,,	0·046875	...	...	...	7	5	4	3	6 · 6372
16	,,	0·05	...	...	...	8	0	4	6	5 · 7463
17	,,	0·053125	...	...	...	8	5	4	9	4 · 8554
18	,,	0·05625	...	...	...	9	0	5	2	3 · 9646
19	,,	0·059375	...	...	...	9	5	5	5	3 · 0737
20	,,	0·0625	...	...	1	0	0	5	8	2 · 1829
21	,,	0·065625	...	...	1	0	5	6	1	1 · 2920
22	,,	0·06875	...	...	1	1	0	6	4	0 · 4012
23	,,	0·071875	...	...	1	1	5	6	6	9 · 5103
24	,,	0·075	...	...	1	2	0	6	9	8 · 6195
25	,,	0·078125	...	...	1	2	5	7	2	7 · 7286
26	,,	0·08125	...	...	1	3	0	7	5	6 · 8377
27	,,	0·084375	...	...	1	3	5	7	8	5 · 9469
28	,,	0·0875	...	...	1	4	0	8	1	5 · 0560
29	,,	0·090625	...	...	1	4	5	8	4	4 · 1652
30	,,	0·09375	...	...	1	5	0	8	7	3 · 2743
31	,,	0·096875	...	...	1	5	5	9	0	2 · 3835

MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

				Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals.
			decimals.								
32	poles or miles		0·1	...	...	1	6	0	9	3	1·4926
33	,,	,,	0·103125	...	...	1	6	5	9	6	0·6018
34	,,	,,	0·10625	...	...	1	7	0	9	8	9·7109
35	,,	,,	0·109375	...	...	1	7	6	0	1	8·8200
36	,,	,,	0·1125	...	...	1	8	1	0	4	7·9292
37	,,	,,	0·115625	...	...	1	8	6	0	7	7·0383
38	,,	,,	0·11875	...	...	1	9	1	1	0	6·1475
39	,,	,,	0·121875	...	...	1	9	6	1	3	5·2566
1	furlong	,,	0·125	...	...	2	0	1	1	6	4·3658
2	,,	,,	0·25	...	...	4	0	2	3	2	8·7315
3	,,	,,	0·375	...	...	6	0	3	4	9	3·0973
4	,,	,,	0·5	...	...	8	0	4	6	5	7·4631
5	,,	,,	0·625	...	1	0	0	5	8	2	1·8288
6	,,	,,	0·75	...	1	2	0	6	9	8	6·1946
7	,,	,,	0·875	...	1	4	0	8	1	5	0·5603
8	,,	,,	1	...	1	6	0	9	3	1	4·9261
6 yards	. . .	,,	0·003409	...	...	...	...	5	4	8	6·3009
7 ,,	. . .	,,	0·003977	...	...	...	...	6	4	0	0·6844
8 ,,	. . .	,,	0·0045	...	...	...	...	7	3	1	5·0678
9 ,,	. . .	,,	0·005113	...	...	...	...	8	2	2	9·4513
10 ,,	. . .	,,	0·005681	...	...	...	...	9	1	4	3·8348
11 ,,	. . .	,,	0·00625	...	...	...	1	0	0	5	8·2183
12 ,,	. . .	,,	0·00681	...	...	...	1	0	9	7	2·6018
13 ,,	. . .	,,	0·007386	...	...	...	1	1	8	8	6·9852
14 ,,	. . .	,,	0·00795	...	...	...	1	2	8	0	1·3687
15 ,,	. . .	,,	0·008522	...	...	...	1	3	7	1	5·7522
16 ,,	. . .	,,	0·0090	...	...	...	1	4	6	3	0·1357
17 ,,	. . .	,,	0·009659	...	...	...	1	5	5	4	4·5192
18 ,,	. . .	,,	0·01022	...	...	...	1	6	4	5	8·9027
19 ,,	. . .	,,	0·010795	...	...	...	1	7	3	7	3·2861
20 ,,	. . .	,,	0·01136	...	...	...	1	8	2	8	7·6696
21 ,,	. . .	,,	0·011931	...	...	...	1	9	2	0	2·0531
22 ,,	. . .	,,	0·0125	...	...	...	2	0	1	1	6·4366
23 ,,	. . .	,,	0·013068	...	...	...	2	1	0	3	0·8201
24 ,,	. . .	,,	0·0136	...	...	...	2	1	9	4	5·2035
25 ,,	. . .	,,	0·014204	...	...	...	2	2	8	5	9·5870
26 ,,	. . .	,,	0·01477	...	...	...	2	3	7	7	3·9705
27 ,,	. . .	,,	0·015340	...	...	...	2	4	6	8	8·3540
28 ,,	. . .	,,	0·01590	...	...	...	2	5	6	0	2·7375
29 ,,	. . .	,,	0·016477	...	...	...	2	6	5	1	7·1209
30 ,,	. . .	,,	0·017045	...	...	...	2	7	4	3	1·5044
31 ,,	. . .	,,	0·017613	...	...	...	2	8	3	4	5·8879
32 ,,	. . .	,,	0·018	...	...	...	2	9	2	6	0·2714
33 ,,	. . .	,,	0·01875	...	...	...	3	0	1	7	4·6549
34 ,,	. . .	,,	0·019318	...	...	...	3	1	0	8	9·0383
35 ,,	. . .	,,	0·019886	...	...	...	3	2	0	0	3·4218
36 ,,	. . .	,,	0·02045	...	...	...	3	2	9	1	7·8053
37 ,,	. . .	,,	0·021022	...	...	...	3	3	8	3	2·1888
38 ,,	. . .	,,	0·02159	...	...	...	3	4	7	4	6·5723

MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

				Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals.
			decimals.								
39 yards	. .	or miles	0·0221590	...	...	...	3	5	6	6	0 · 9557
40 ,,	. .	,,	0·02272	...	...	...	3	6	5	7	5 · 3392
41 ,,	. .	,,	0·0232954	...	...	...	3	7	4	8	9 · 7227
42 ,,	. .	,,	0·023863	...	...	...	3	8	4	0	4 · 1062
43 ,,	. .	,,	0·0244318	...	...	...	3	9	3	1	8 · 4897
44 ,,	. .	,,	0·025	...	...	...	4	0	2	3	2 · 8732
45 ,,	. .	,,	0·0255681	...	...	...	4	1	1	4	7 · 2566
46 ,,	. .	,,	0·026136	...	...	...	4	2	0	6	1 · 6401
47 ,,	. .	,,	0·0267045	...	...	...	4	2	9	7	6 · 0236
48 ,,	. .	,,	0·0272	...	...	...	4	3	8	9	0 · 4071
49 ,,	. .	,,	0·0278409	...	...	...	4	4	8	0	4 · 7906
50 ,,	. .	,,	0·028409	...	...	...	4	5	7	1	9 · 1740
51 ,,	. .	,,	0·0289772	...	...	...	4	6	6	3	3 · 5575
52 ,,	. .	,,	0·02954	...	...	...	4	7	5	4	7 · 9410
53 ,,	. .	,,	0·0301136	...	...	...	4	8	4	6	2 · 3245
54 ,,	. .	,,	0·030681	...	...	...	4	9	3	7	6 · 7080
55 ,,	. .	,,	0·03125	...	...	...	5	0	2	9	1 · 0914
56 ,,	. .	,,	0·0318	...	...	...	5	1	2	0	5 · 4749
57 ,,	. .	,,	0·0323863	...	...	...	5	2	1	1	9 · 8584
58 ,,	. .	,,	0·032954	...	...	...	5	3	0	3	4 · 2419
59 ,,	. .	,,	0·0335227	...	...	...	5	3	9	4	8 · 6254
60 ,,	. .	,,	0·03409	...	...	...	5	4	8	6	3 · 0088
61 ,,	. .	,,	0·0346590	...	...	...	5	5	7	7	7 · 3923
62 ,,	. .	,,	0·035227	...	...	...	5	6	6	9	1 · 7758
63 ,,	. .	,,	0·0357954	...	...	...	5	7	6	0	6 · 1593
64 ,,	. .	,,	0·036	...	...	...	5	8	5	2	0 · 5428
65 ,,	. .	,,	0·0369318	...	...	...	5	9	4	3	4 · 9262
66 ,,	. .	,,	0·0375	...	...	...	6	0	3	4	9 · 3097
67 ,,	. .	,,	0·0380681	...	...	...	6	1	2	6	3 · 6932
68 ,,	. .	,,	0·03863	...	...	...	6	2	1	7	8 · 0767
69 ,,	. .	,,	0·0392045	...	...	...	6	3	0	9	2 · 4602
70 ,,	. .	,,	0·039772	...	...	...	6	4	0	0	6 · 8437
71 ,,	. .	,,	0·0403409	...	...	...	6	4	9	2	1 · 2271
72 ,,	. .	,,	0·0409	...	...	...	6	5	8	3	5 · 6106
73 ,,	. .	,,	0·0414772	...	...	...	6	6	7	4	9 · 9941
74 ,,	. .	,,	0·042045	...	...	...	6	7	6	6	4 · 3776
75 ,,	. .	,,	0·0426136	...	...	...	6	8	5	7	8 · 7611
76 ,,	. .	,,	0·04318	...	...	...	6	9	4	9	3 · 1445
77 ,,	. .	,,	0·04375	...	...	...	7	0	4	0	7 · 5280
78 ,,	. .	,,	0·044318	...	...	...	7	1	3	2	1 · 9115
79 ,,	. .	,,	0·0448863	...	...	...	7	2	2	3	6 · 2950
80 ,,	. .	,,	0·045	...	...	...	7	3	1	5	0 · 6785
81 ,,	. .	,,	0·0460227	...	...	...	7	4	0	6	5 · 0619
82 ,,	. .	,,	0·046590	...	...	...	7	4	9	7	9 · 4454
83 ,,	. .	,,	0·0471590	...	...	...	7	5	8	9	3 · 8289
84 ,,	. .	,,	0·04772	...	...	...	7	6	8	0	8 · 2124
85 ,,	. .	,,	0·0482954	...	...	...	7	7	7	2	2 · 5959
86 ,,	. .	,,	0·048863	...	...	...	7	8	6	3	6 · 9793
87 ,,	. .	,,	0·0494318	...	...	...	7	9	5	5	1 · 3628

MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

				Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals.
			decimals.								
88	yards	or mile	0·05	...	...	...	8	0	4	6	5·7463
89	,,	,,	0·0505681	...	...	...	8	1	3	8	0·1298
90	,,	,,	0·051136	...	...	...	8	2	2	9	4·5133
91	,,	,,	0·0517045	...	...	...	8	3	2	0	8·8967
92	,,	,,	0·05227	...	...	...	8	4	1	2	3·2802
93	,,	,,	0·0528409	...	...	...	8	5	0	3	7·6637
94	,,	,,	0·053409	...	...	...	8	5	9	5	2·0472
95	,,	,,	0·0539772	...	...	...	8	6	8	6	6·4307
96	,,	,,	0·054	...	...	...	8	7	7	8	0·8142
97	,,	,,	0·0551136	...	...	...	8	8	6	9	5·1976
98	,,	,,	0·055681	...	...	...	8	9	6	0	9·5811
99	,,	,,	0·05625	...	...	...	9	0	5	2	3·9646
100	,,	,,	0·05681	...	...	...	9	1	4	3	8·3481
200	,,	,,	0·11363	...	...	1	8	2	8	7	6·6961
300	,,	,,	0·17045	...	...	2	7	4	3	1	5·0442
400	,,	,,	0·2272	...	...	3	6	5	7	5	3·3923
500	,,	,,	0·28409	...	...	4	5	7	1	9	1·7404
600	,,	,,	0·3409	...	...	5	4	8	6	3	0·0884
700	,,	,,	0·39772	...	...	6	4	0	0	6	8·4365
800	,,	,,	0·45	...	...	7	3	1	5	0	6·7846
900	,,	,,	0·51136	...	...	8	2	2	9	4	5·1327
1000	,,	,,	0·5681	...	...	9	1	4	3	8	3·4807
1100	,,	,,	0·625	...	1	0	0	5	8	2	1·8288
1200	,,	,,	0·681	...	1	0	9	7	2	6	0·1769
1300	,,	,,	0·73863	...	1	1	8	8	6	9	8·5250
1400	,,	,,	0·7954	...	1	2	8	0	1	3	6·8730
1500	,,	,,	0·85227	...	1	3	7	1	5	7	5·2211
1600	,,	,,	0·90	...	1	4	6	3	0	1	3·5692
1700	,,	,,	0·96590	...	1	5	5	4	4	5	1·9173
1760	,,	,,	1	...	1	6	0	9	3	1	4·9261
2	miles	. .	or yards 3,520	...	3	2	1	8	6	2	9·8522
3	,,	. .	,, 5,280	...	4	8	2	7	9	4	4·7783
4	,,	. .	,, 7,040	...	6	4	3	7	2	5	9·7045
5	,,	. .	,, 8,800	...	8	0	4	6	5	7	4·6306
6	,,	. .	,, 10,560	...	9	6	5	5	8	8	9·5567
7	,,	. .	,, 12,320	1	1	2	6	5	2	0	4·4828
8	,,	. .	,, 14,080	1	2	8	7	4	5	1	9·4089
9	,,	. .	,, 15,840	1	4	4	8	3	8	3	4·3350
10	,,	. .	,, 17,600	1	6	0	9	3	1	4	9·2612
11	,,	. .	,, 19,360	1	7	7	0	2	4	6	4·1873
12	,,	. .	,, 21,120	1	9	3	1	1	7	7	9·1134
13	,,	. .	,, 22,880	2	0	9	2	1	0	9	4·0395
14	,,	. .	,, 24,640	2	2	5	3	0	4	0	8·9656
15	,,	. .	,, 26,400	2	4	1	3	9	7	2	3·8917
16	,,	. .	,, 28,160	2	5	7	4	9	0	3	8·8179
17	,,	. .	,, 29,920	2	7	3	5	8	3	5	3·7440
18	,,	. .	,, 31,680	2	8	9	6	7	6	6	8·6701
19	,,	. .	,, 33,440	3	0	5	7	6	9	8	3·5962
20	,,	. .	,, 35,200	3	2	1	8	6	2	9	8·5223
21	,,	. .	,, 36,960	3	3	7	9	5	6	1	3·4484

MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

				Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals.
22	miles . . .	or yards	38,720	3	5	4	0	4	9	2	8 · 3746
23	,, . . .	,,	40,480	3	7	0	1	4	2	4	3 · 3007
24	,, . . .	,,	42,240	3	8	6	2	3	5	5	8 · 2268
25	,, . . .	,,	44,000	4	0	2	3	2	8	7	3 · 1529
26	,, . . .	,,	45,760	4	1	8	4	2	1	8	8 · 0790
27	,, . . .	,,	47,520	4	3	4	5	1	5	0	3 · 0051
28	,, . . .	,,	49,280	4	5	0	6	0	8	1	7 · 9313
29	,, . . .	,,	51,040	4	6	6	7	0	1	3	2 · 8574
30	,, . . .	,,	52,800	4	8	2	7	9	4	4	7 · 7835
31	,, . . .	,,	54,560	4	9	8	8	8	7	6	2 · 7096
32	,, . . .	,,	56,320	5	1	4	9	8	0	7	7 · 6357
33	,, . . .	,,	58,080	5	3	1	0	7	3	9	2 · 5618
34	,, . . .	,,	59,840	5	4	7	1	6	7	0	7 · 4880
35	,, . . .	,,	61,600	5	6	3	2	6	0	2	2 · 4141
36	,, . . .	,,	63,360	5	7	9	3	5	3	3	7 · 3402
37	,, . . .	,,	65,120	5	9	5	4	4	6	5	2 · 2663
38	,, . . .	,,	66,880	6	1	1	5	3	9	6	7 · 1924
39	,, . . .	,,	68,640	6	2	7	6	3	2	8	2 · 1185
40	,, . . .	,,	70,400	6	4	3	7	2	5	9	7 · 0447
41	,, . . .	,,	72,160	6	5	9	8	1	9	1	1 · 9708
42	,, . . .	,,	73,920	6	7	5	9	1	2	2	6 · 8969
43	,, . . .	,,	75,680	6	9	2	0	0	5	4	1 · 8230
44	,, . . .	,,	77,440	7	0	8	0	9	8	5	6 · 7491
45	,, . . .	,,	79,200	7	2	4	1	9	1	7	1 · 6752
46	,, . . .	,,	80,960	7	4	0	2	8	4	8	6 · 6014
47	,, . . .	,,	82,720	7	5	6	3	7	8	0	1 · 5275
48	,, . . .	,,	84,480	7	7	2	4	7	1	1	6 · 4536
49	,, . . .	,,	86,240	7	8	8	5	6	4	3	1 · 3797
50	,, . . .	,,	88,000	8	0	4	6	5	7	4	6 · 3058
51	,, . . .	,,	89,760	8	2	0	7	5	0	6	1 · 2319
52	,, . . .	,,	91,520	8	3	6	8	4	3	7	6 · 1581
53	,, . . .	,,	93,280	8	5	2	9	3	6	9	1 · 0842
54	,, . . .	,,	95,040	8	6	9	0	3	0	0	6 · 0103
55	,, . . .	,,	96,800	8	8	5	1	2	3	2	0 · 9364
56	,, . . .	,,	98,560	9	0	1	2	1	6	3	5 · 8625
57	,, . . .	,,	100,320	9	1	7	3	0	9	5	0 · 7886
58	,, . . .	,,	102,080	9	3	3	4	0	2	6	5 · 7148
59	,, . . .	,,	103,840	9	4	9	4	9	5	8	0 · 6409
60	,, . . .	,,	105,600	9	6	5	5	8	8	9	5 · 5670
61	,, . . .	,,	107,360	9	8	1	6	8	2	1	0 · 4931
62	,, . . .	,,	109,120	9	9	7	7	7	5	2	5 · 4192
63	,, . . .	,,	110,880	10	1	3	8	6	8	4	0 · 3453
64	,, . . .	,,	112,640	10	2	9	9	6	1	5	5 · 2715
65	,, . . .	,,	114,400	10	4	6	0	5	4	7	0 · 1976
66	,, . . .	,,	116,160	10	6	2	1	4	7	8	5 · 1237
67	,, . . .	,,	117,920	10	7	8	2	4	1	0	0 · 0498
68	,, . . .	,,	119,680	10	9	4	3	3	4	1	4 · 9759
69	,, . . .	,,	121,440	11	1	0	4	2	7	2	9 · 9020
70	,, . . .	,,	123,200	11	2	6	5	2	0	4	4 · 8282
71	,, . . .	,,	124,960	11	4	2	6	1	3	5	9 · 7543

MEASURES OF LENGTH.

I.—Long Measure converted into Metric.

			Myria-metres.	Kilo-metres.	Hecto-metres.	Deka-metres.	Metres.	Deci-metres.	Centi-metres.	Milli-metres. decimals
72	miles or	yards 126,720	11	5	8	7	0	6	7	4 · 6804
73	,,	,, 128,480	11	7	4	7	9	9	8	9 · 6065
74	,,	,, 130,240	11	9	0	8	9	3	0	4 · 5326
75	,,	,, 132,000	12	0	6	9	8	6	1	9 · 4587
76	,,	,, 133,760	12	2	3	0	7	9	3	4 · 3849
77	,,	,, 135,520	12	3	9	1	7	2	4	9 · 3110
78	,,	,, 137,280	12	5	5	2	6	5	6	4 · 2371
79	,,	,, 139,040	12	7	1	3	5	8	7	9 · 1632
80	,,	,, 140,800	12	8	7	4	5	1	9	4 · 0893
81	,,	,, 142,560	13	0	3	5	4	5	0	9 · 0154
82	,,	,, 144,320	13	1	9	6	3	8	2	3 · 9416
83	,,	,, 146,080	13	3	5	7	3	1	3	8 · 8677
84	,,	,, 147,840	13	5	1	8	2	4	5	3 · 7938
85	,,	,, 149,600	13	6	7	9	1	7	6	8 · 7199
86	,,	,, 151,360	13	8	4	0	1	0	8	3 · 6460
87	,,	,, 153,120	14	0	0	1	0	3	9	8 · 5721
88	,,	,, 154,880	14	1	6	1	9	7	1	3 · 4983
89	,,	,, 156,640	14	3	2	2	9	0	2	8 · 4244
90	,,	,, 158,400	14	4	8	3	8	3	4	3 · 3505
91	,,	,, 160,160	14	6	4	4	7	6	5	8 · 2766
92	,,	,, 161,920	14	8	0	5	6	9	7	3 · 2027
93	,,	,, 163,680	14	9	6	6	6	2	8	8 · 1288
94	,,	,, 165,440	15	1	2	7	5	6	0	3 · 0549
95	,,	,, 167,200	15	2	8	8	4	9	1	7 · 9811
96	,,	,, 168,960	15	4	4	9	4	2	3	2 · 9072
97	,,	,, 170,720	15	6	1	0	3	5	4	7 · 8333
98	,,	,, 172,480	15	7	7	1	2	8	6	2 · 7594
99	,,	,, 174,240	15	9	3	2	2	1	7	7 · 6855
100	,,	,, 176,000	16	0	9	3	1	4	9	2 · 6116
200	,,	,, 352,000	32	1	8	6	2	9	8	5 · 223
300	,,	,, 528,000	48	2	7	9	4	4	7	7 · 835
400	,,	,, 704,000	64	3	7	2	5	9	7	0 · 447
500	,,	,, 880,000	80	4	6	5	7	4	6	3 · 058
600	,,	,, 1,056,000	96	5	5	8	8	9	5	5 · 670
700	,,	,, 1,232,000	112	6	5	2	0	4	4	8 · 282
800	,,	,, 1,408,000	128	7	4	5	1	9	4	0 · 893
900	,,	,, 1,584,000	144	8	3	8	3	4	3	3 · 505
1,000	,,	,, 1,760,000	160	9	3	1	4	9	2	6 · 116
2,000	,,	,, 3,520,000	321	8	6	2	9	8	5	2 · 23
3,000	,,	,, 5,280,000	482	7	9	4	4	7	7	8 · 35
4,000	,,	,, 7,040,000	643	7	2	5	9	7	0	4 · 47
5,000	,,	,, 8,800,000	804	6	5	7	4	6	3	0 · 58
6,000	,,	,, 10,560,000	965	5	8	8	9	5	5	6 · 70
7,000	,,	,, 12,320,000	1,126	5	2	0	4	4	8	2 · 82
8,000	,,	,, 14,080,000	1,287	4	5	1	9	4	0	8 · 93
9,000	,,	,, 15,840,000	1,448	3	8	3	4	3	3	5 · 05
10,000	,,	,, 17,600,000	1,609	3	1	4	9	2	6	1 · 16
20,000	,,	,, 35,200,000	3,218	6	2	9	8	5	2	2 · 33
30,000	,,	,, 52,800,000	4,827	9	4	4	7	7	8	3 · 49

MEASURES OF LENGTH.

II.—Metric Measure converted into Long Measure.

	Miles.	Yards.	Feet.	Inches. decimals.	OR THUS Miles. decimals.	OR THUS Yards. decimals.
1 Millimetre,	...	...	...	0·039371	0·00000062138	0·0010936330$\dot{5}$
2 ,,	...	...	...	0·078742	0·00000124276	0·0021872661$\dot{}$
3 ,,	...	...	...	0·118112	0·00000186415	0·0032808991$\dot{6}$
4 ,,	...	...	...	0·157483	0·00000248553	0·004374532$\dot{}$
5 ,,	...	...	...	0·196854	0·00000310691	0·0054681652$\dot{7}$
6 ,,	...	...	...	0·236225	0·00000372829	0·006561798$\dot{3}$
7 ,,	...	...	...	0·275596	0·00000434968	0·0076554313$\dot{8}$
8 ,,	...	...	...	0·314966	0·00000497106	0·008749064$\dot{}$
9 ,,	...	...	...	0·354337	0·00000559244	0·0098426975
1 Centimetre,	...	...	...	0·393708	0·00000621382	0·0109363305$\dot{}$
2 ,,	...	...	...	0·787416	0·00001242765	0·021872661$\dot{}$
3 ,,	...	...	...	1·181124	0·00001864147	0·0328089916$\dot{}$
4 ,,	...	...	...	1·574832	0·00002485530	0·04374532$\dot{}$
5 ,,	...	...	...	1·968540	0·00003106912	0·0546816527$\dot{}$
6 ,,	...	...	...	2·362247	0·00003728295	0·065617983$\dot{}$
7 ,,	...	...	...	2·755955	0·00004349677	0·0765543138$\dot{}$
8 ,,	...	...	...	3·149663	0·00004971059	0·08749064$\dot{}$
9 ,,	...	...	...	3·543371	0·00005592442	0·098426975
1 Decimetre,	...	...	...	3·937079	0·00006213824	0·109363305$\dot{}$
2 ,,	...	...	...	7·874158	0·00012427648	0·21872661$\dot{}$
3 ,,	...	...	...	11·811237	0·00018641473	0·32808991$\dot{6}$
4 ,,	...	...	1	3·748316	0·00024855297	0·4374532$\dot{}$
5 ,,	...	...	1	7·685395	0·00031069121	0·5468165$\dot{2}\dot{7}$
6 ,,	...	...	1	11·622474	0·00037282945	0·6561798$\dot{3}$
7 ,,	...	...	2	3·559553	0·00043496769	0·7655431$\dot{3}\dot{8}$
8 ,,	...	...	2	7·496632	0·00049710593	0·874906$\dot{4}$
9 ,,	...	...	2	11·433711	0·00055924418	0·98426975
1 Metre,	...	1	0	3·37079	0·0006213824	1·09363305$\dot{}$
2 ,,	...	2	0	6·74158	0·0012427648	2·1872661$\dot{}$
3 ,,	...	3	0	10·11237	0·0018641473	3·28089916$\dot{}$
4 ,,	...	4	1	1·48316	0·0024855297	4·374532$\dot{}$
5 ,,	...	5	1	4·85395	0·0031069121	5·46816527$\dot{}$
6 ,,	...	6	1	8·22474	0·0037282945	6·561798$\dot{3}$
7 ,,	...	7	1	11·59553	0·0043496769	7·65543138$\dot{}$
8 ,,	...	8	2	2·96632	0·0049710593	8·749064$\dot{}$
9 ,,	...	9	2	6·33711	0·0055924418	9·8426975
1 Dekametre,	...	10	2	9·7079	0·006213824	10·936330$\dot{5}$
2 ,,	...	21	2	7·4158	0·012427648	21·87266$\dot{1}$
3 ,,	...	32	2	5·1237	0·018641473	32·8089916$\dot{}$
4 ,,	...	43	2	2·8316	0·024855297	43·74532$\dot{}$
5 ,,	...	54	2	0·5395	0·031069121	54·6816527$\dot{}$
6 ,,	...	65	1	10·2474	0·037282945	65·617983$\dot{}$
7 ,,	...	76	1	7·9553	0·043496769	76·5543138$\dot{}$
8 ,,	...	87	1	5·6632	0·049710593	87·49064$\dot{}$
9 ,,	...	98	1	3·3711	0·055924418	98·426975
1 Hectometre,	...	109	1	1·079	0·06213824	109·363305$\dot{}$
2 ,,	...	218	2	2·158	0·12427648	218·72661$\dot{}$
3 ,,	...	328	0	3·237	0·18641473	328·089916$\dot{}$
4 ,,	...	437	1	4·316	0·24855297	437·4532$\dot{}$
5 ,,	...	546	2	5·395	0·31069121	546·816527$\dot{}$

MEASURES OF LENGTH.

II.—Metric Measure converted into Long Measure.

	Miles.	Yards.	Feet.	Inches. decimals.	OR THUS Miles. decimals.	OR THUS Yards. decimals.
6 Hectometres, . . .	...	656	0	6·474	0·37282945	656·17983
7 ,, . . .	...	765	1	7·553	0·43496769	765·543138
8 ,, . . .	...	874	2	8·632	0·49710593	874·9064
9 ,, . . .	...	984	0	9·711	0·55924418	984·26975
1 Kilometre, . . .	...	1093	1	10·79	0·62138242	1,093·63305
2 ,, . . .	1	427	0	9·58	1·2427648	2,187·2661
3 ,, . . .	1	1520	2	8·37	1·8641473	3,280·89916
4 ,, . . .	2	854	1	7·16	2·4855297	4,374·532
5 ,, . . .	3	188	0	5·95	3·1069121	5,468·16527
6 ,, . . .	3	1281	2	4·74	3·7282945	6,561·79833
7 ,, . . .	4	615	1	3·53	4·3496769	7,655·43138
8 ,, . . .	4	1709	0	2·32	4·9710593	8,749·0644
9 ,, . . .	5	1042	2	1·11	5·5924418	9,842·6975
1 Myriametre, . . .	6	376	0	11·9	6·2138242	10,936·33005
2 ,, . . .	12	752	1	11·8	12·427648	21,872·661
3 ,, . . .	18	1128	2	11·7	18·641473	32,808·9916
4 ,, . . .	24	1505	0	11·6	24·855297	43,745·32
5 ,, . . .	31	121	1	11·5	31·069121	54,681·6527
6 ,, . . .	37	497	2	11·4	37·282945	65,617·9833
7 ,, . . .	43	874	0	11·3	43·496769	76,554·3138
8 ,, . . .	49	1250	1	11·2	49·710593	87,490·64
9 ,, . . .	55	1626	2	11·1	55·924418	98,426·975
10 ,, . . .	62	243	0	11·0	62·138242	109,363·3005
11 ,, . . .	68	619	1	10·9	68·352066	120,299·6361
12 ,, . . .	74	995	2	10·8	74·565890	131,235·96
13 ,, . . .	80	1372	0	10·7	80·779714	142,172·2972
14 ,, . . .	86	1748	1	10·6	86·993539	153,108·627
15 ,, . . .	93	364	2	10·5	93·207363	164,044·9583
16 ,, . . .	99	741	0	10·4	99·421187	174,981·28
17 ,, . . .	105	1117	1	10·3	105·635011	185,917·6194
18 ,, . . .	111	1493	2	10·2	111·848835	196,853·95
19 ,, . . .	118	110	0	10·1	118·062659	207,790·2805
20 ,, . . .	124	486	1	10·0	124·276484	218,726·61
21 ,, . . .	130	862	2	9·9	130·490308	229,662·9416
22 ,, . . .	136	1239	0	9·8	136·704132	240,599·272
23 ,, . . .	142	1615	1	9·7	142·917956	251,535·6027
24 ,, . . .	149	231	2	9·6	149·131780	262,471·93
25 ,, . . .	155	608	0	9·5	155·345604	273,408·2638
26 ,, . . .	161	984	1	9·4	161·559429	284,344·594
27 ,, . . .	167	1360	2	9·3	167·773253	295,280·925
28 ,, . . .	173	1737	0	9·2	173·987077	306,217·25
29 ,, . . .	180	353	1	9·1	180·200901	317,153·5861
30 ,, . . .	186	729	2	9·0	186·414725	328,089·916
31 ,, . . .	192	1106	0	8·9	192·628550	339,026·2472
32 ,, . . .	198	1482	1	8·8	198·842374	349,962·57
33 ,, . . .	205	98	2	8·7	205·056198	360,898·9083
34 ,, . . .	211	475	0	8·6	211·270022	371,835·238
35 ,, . . .	217	851	1	8·5	217·483846	382,771·5694
36 ,, . . .	223	1227	2	8·4	223·697670	393,707·9
37 ,, . . .	229	1604	0	8·3	229·911495	404,644·2305

MEASURES OF LENGTH.

II.—Metric Measure converted into Long Measure.

	Miles.	Yards.	Feet.	Inches.	decimals.	OR THUS Miles. decimals.	OR THUS Yards. decimals.
38 Myriametres, . . .	236	220	1	8	· 2	236·125319	415,580·561$\dot{1}$
39 ,, ...	242	596	2	8	· 1	242·339143	426,516·891$\dot{6}$
40 ,, ...	248	973	0	8	· 0	248·552967	437,453·2$\dot{2}$
41 ,, ...	254	1349	1	7	· 9	254·766791	448,389·552$\dot{7}$
42 ,, ...	260	1725	2	7	· 8	260·980616	459,325·88$\dot{3}$
43 ,, ...	267	342	0	7	· 7	267·194440	470,262·213$\dot{8}$
44 ,, ...	273	718	1	7	· 6	273·408264	481,198·5$\dot{4}$
45 ,, ...	279	1094	2	7	· 5	279·622088	492,134·875
46 ,, ...	285	1471	0	7	· 4	285·835912	503,071·20$\dot{5}$
47 ,, ...	292	87	1	7	· 3	292·049736	514,007·536$\dot{1}$
48 ,, ...	298	463	2	7	· 2	298·263561	524,943·86$\dot{6}$
49 ,, ...	304	840	0	7	· 1	304·477384	535,880·197$\dot{2}$
50 ,, ...	310	1216	1	7	· 0	310·691209	546,816·52$\dot{7}$
51 ,, ...	316	1592	2	6	· 9	316·905033	557,752·858$\dot{3}$
52 ,, ...	323	209	0	6	· 8	323·118857	568,689·18$\dot{8}$
53 ,, ...	329	585	1	6	· 7	329·332682	579,625·519$\dot{4}$
54 ,, ...	335	961	2	6	· 6	335·546506	590,561·85
55 ,, ...	341	1338	0	6	· 5	341·760330	601,498·180$\dot{5}$
56 ,, ...	347	1714	1	6	· 4	347·974154	612,434·51$\dot{1}$
57 ,, ...	354	330	2	6	· 3	354·187978	623,370·841$\dot{6}$
58 ,, ...	360	707	0	6	· 2	360·401802	634,307·17$\dot{2}$
59 ,, ...	366	1083	1	6	· 1	366·615627	645,243·502$\dot{7}$
60 ,, ...	372	1459	2	6	· 0	372·829451	656,179·83$\dot{3}$
61 ,, ...	379	76	0	5	· 9	379·043275	667,116·163$\dot{8}$
62 ,, ...	385	452	1	5	· 8	385·257099	678,052·494$\dot{4}$
63 ,, ...	391	828	2	5	· 7	391·470923	688,988·825
64 ,, ...	397	1205	0	5	· 6	397·684748	699,925·15$\dot{5}$
65 ,, ...	403	1581	1	5	· 5	403·898572	710,861·486$\dot{1}$
66 ,, ...	410	197	2	5	· 4	410·112396	721,797·81$\dot{6}$
67 ,, ...	416	574	0	5	· 3	416·326220	732,734·147$\dot{2}$
68 ,, ...	422	950	1	5	· 2	422·540044	743,670·47$\dot{7}$
69 ,, ...	428	1326	2	5	· 1	428·753868	754,606·808$\dot{3}$
70 ,, ...	434	1703	0	5	· 0	434·967693	765,543·13$\dot{8}$
71 ,, ...	441	319	1	4	· 9	441·181517	776,479·469$\dot{4}$
72 ,, ...	447	695	2	4	· 8	447·395341	787,415·8
73 ,, ...	453	1072	0	4	· 7	453·609165	798,352·130$\dot{5}$
74 ,, ...	459	1448	1	4	· 6	459·822989	809,288·46$\dot{1}$
75 ,, ...	466	64	2	4	· 5	466·036813	820,224·791$\dot{6}$
76 ,, ...	472	441	0	4	· 4	472·250638	831,161·12$\dot{2}$
77 ,, ...	478	817	1	4	· 3	478·464462	842,097·452$\dot{7}$
78 ,, ...	484	1193	2	4	· 2	484·678286	853,033·783$\dot{3}$
79 ,, ...	490	1570	0	4	· 1	490·892110	863,970·113$\dot{8}$
80 ,, ...	497	186	1	4	· 0	497·105934	874,906·4$\dot{4}$
81 ,, ...	503	562	2	3	· 9	503·319759	885,842·775
82 ,, ...	509	939	0	3	· 8	509·533583	896,779·105$\dot{5}$
83 ,, ...	515	1315	1	3	· 7	515·747407	907,715·436$\dot{1}$
84 ,, ...	521	1691	2	3	· 6	521·961231	918,651·76$\dot{6}$
85 ,, ...	528	308	0	3	· 5	528·175055	929,588·097$\dot{2}$
86 ,, ...	534	684	1	3	· 4	534·388879	940,524·42$\dot{7}$
87 ,, ...	540	1060	2	3	· 3	540·602704	951,460·758$\dot{3}$

MEASURES OF LENGTH.

II.—Metric Measure converted into Long Measure.

	Miles.	Yards.	Feet.	Inches. decimals.	OR THUS Miles. decimals.	OR THUS Yards. decimals.
88 Myriametres, .	546	1437	0	3 · 2	546·816528	962,397·08
89 „ . .	553	53	1	3 · 1	553·030352	973,333·4194
90 „ . .	559	429	2	3 · 0	559·244176	984,269·75
91 „ . .	565	806	0	2 · 9	565·458000	995,206·0805
92 „ . .	571	1182	1	2 · 8	571·671825	1,006,142·41
93 „ . .	577	1558	2	2 · 7	577·885649	1,017,078·7416
94 „ . .	584	175	0	2 · 6	584·099473	1,028,015·072
95 „ . .	590	551	1	2 · 5	590·313297	1,038,951·4027
96 „ . .	596	927	2	2 · 4	596·527121	1,049,887·73
97 „ . .	602	1304	0	2 · 3	602·740945	1,060,824·0638
98 „ . .	608	1680	1	2 · 2	608·954770	1,071,760·394
99 „ . .	615	296	2	2 · 1	615·168594	1,082,696·725
100 „ . .	621	673	0	2 · 0	621·382418	1,093,633·05
200 „ . .	1,242	1346	0	4	1,242·76484	2,187,266·1
300 „ . .	1,864	259	0	6	1,864·14725	3,280,899·16
400 „ . .	2,485	932	0	8	2,485·52967	4,374,532·2
500 „ . .	3,106	1605	0	10	3,106·91209	5,468,165·27
600 „ . .	3,728	518	1	0	3,728·29451	6,561,798·3
700 „ . .	4,349	1191	1	2	4,349·67693	7,655,431·38
800 „ . .	4,971	104	1	4	4,971·05934	8,749,064·4
900 „ . .	5,592	777	1	6	5,592·44176	9,842,697·5
1,000 „ . .	6,213	1450	1	8	6,213·82418	10,936,330·5
2,000 „ . .	12,427	1141	0	4	12,427·64836	21,872,661·1
3,000 „ . .	18,641	831	2	0	18,641·47254	32,808,991·6
4,000 „ . .	24,855	522	0	8	24,855·29672	43,745,322·2
5,000 „ . .	31,069	212	2	4	31,069·12090	54,681,652·7
6,000 „ . .	37,282	1663	1	0	37,282·94508	65,617,983·3
7,000 „ . .	43,496	1353	2	8	43,496·76926	76,554,313·8
8,000 „ . .	49,710	1044	1	4	49,710·59343	87,490,644·4
9,000 „ . .	55,924	735	0	0	55,924·41761	98,426,975
10,000 „ . .	62,138	425	1	8	62,138·2418	109,363,305·5
11,000 „ . .	68,352	116	0	4	68,352·0660	120,299,636·1
12,000 „ . .	74,565	1566	2	0	74,565·8902	131,235,966·6
13,000 „ . .	80,779	1257	0	8	80,779·7144	142,172,297·2
14,000 „ . .	86,993	947	2	4	86,993·5386	153,108,627·7
15,000 „ . .	93,207	638	1	0	93,207·3627	164,044,958·3
16,000 „ . .	99,421	328	2	8	99,421·1869	174,981,288·8
17,000 „ . .	105,635	19	1	4	105,635·0111	185,917,619·4
18,000 „ . .	111,848	1470	0	0	111,848·8353	196,853,950
19,000 „ . .	118,062	1160	1	8	118,062·6595	207,790,280·5
20,000 „ . .	124,276	851	0	4	124,276·4837	218,726,611·1
21,000 „ . .	130,490	541	2	0	130,490·3079	229,662,941·6
22,000 „ . .	136,704	232	0	8	136,704·1321	240,599,272·2
23,000 „ . .	142,917	1682	2	4	142,917·9563	251,535,602·7
24,000 „ . .	149,131	1373	1	0	149,131·7804	262,471,933·3
25,000 „ . .	155,345	1063	2	8	155,345·6046	273,408,263·8
26,000 „ . .	161,559	754	1	4	161,559·4288	284,344,594·4
27,000 „ . .	167,773	445	0	0	167,773·2530	295,280,925
28,000 „ . .	173,987	135	1	8	173,987·0772	306,217,255·5
29,000 „ . .	180,200	1586	0	4	180,200·9014	317,153,586·1

MEASURES OF LENGTH.

III.—Cloth Measure converted into Metric.

	Metres.	Deci-metres.	Centi-metres.	Milli-metres. dec.		Metres.	Deci-metres.	Centi-metres.	Milli-metres. dec.
1 inch . . .	...	...	2	5 · 400	14 yards .	12	8	0	1 · 37
2 ,, . . .	...	...	5	0 · 799	15 ,, .	13	7	1	5 · 75
2¼ ,, or 1 nail	...	...	5	7 · 149	16 ,, .	14	6	3	0 · 14
2 nails . . .	...	1	1	4 · 298	17 ,, .	15	5	4	4 · 52
3 ,, . . .	...	1	7	1 · 447	18 ,, .	16	4	5	8 · 90
4 ,, or 1 quarter	...	2	2	8 · 596	19 ,, .	17	3	7	3 · 29
2 quarters . .	...	4	5	7 · 192	20 ,, .	18	2	8	7 · 67
3 ,, . .	...	6	8	5 · 788	21 ,, .	19	2	0	2 · 05
4 ,, or 1 yard	...	9	1	4 · 383	22 ,, .	20	1	1	6 · 44
5 ,, or 1 ell	1	1	4	2 · 979	23 ,, .	21	0	3	0 · 82
2 ,,	2	2	8	5 · 959	24 ,, .	21	9	4	5 · 20
3 ,,	3	4	2	8 · 938	25 ,, .	22	8	5	9 · 59
4 ,,	4	5	7	1 · 917	26 ,, .	23	7	7	3 · 97
5 ,,	5	7	1	4 · 897	27 ,, .	24	6	8	8 · 35
6 ,,	6	8	5	7 · 876	28 ,, .	25	6	0	2 · 74
7 ,,	8	0	0	0 · 855	29 ,, .	26	5	1	7 · 12
8 ,,	9	1	4	3 · 835	30 ,, .	27	4	3	1 · 50
9 ,,	10	2	8	6 · 814	31 ,, .	28	3	4	5 · 89
10 ,,	11	4	2	9 · 794	32 ,, .	29	2	6	0 · 27
20 ,,	22	8	5	9 · 587	33 ,, .	30	1	7	4 · 65
30 ,,	34	2	8	9 · 381	34 ,, .	31	0	8	9 · 04
40 ,,	45	7	1	9 · 174	35 ,, .	32	0	0	3 · 42
50 ,,	57	1	4	8 · 968	36 ,, .	32	9	1	7 · 81
60 ,,	68	5	7	8 · 761	37 ,, .	33	8	3	2 · 19
70 ,,	80	0	0	8 · 555	38 ,, .	34	7	4	6 · 57
80 ,,	91	4	3	8 · 348	39 ,, .	35	6	6	0 · 96
90 ,,	102	8	6	8 · 142	40 ,, .	36	5	7	5 · 34
100 ,,	114	2	9	7 · 935	41 ,, .	37	4	8	9 · 72
200 ,,	228	5	9	5 · 87	42 ,, .	38	4	0	4 · 11
300 ,,	342	8	9	3 · 81	43 ,, .	39	3	1	8 · 49
400 ,,	457	1	9	1 · 74	44 ,, .	40	2	3	2 · 87
500 ,,	571	4	8	9 · 68	45 ,, .	41	1	4	7 · 26
600 ,,	685	7	8	7 · 61	46 ,, .	42	0	6	1 · 64
700 ,,	800	0	8	5 · 55	47 ,, .	42	9	7	6 · 02
800 ,,	914	3	8	3 · 48	48 ,, .	43	8	9	0 · 41
900 ,,	1028	6	8	1 · 42	49 ,, .	44	8	0	4 · 79
1000 ,,	1142	9	7	9 · 35	50 ,, .	45	7	1	9 · 17
1 yard . . .	...	9	1	4 · 38	51 ,, .	46	6	3	3 · 56
2 ,, . . .	1	8	2	8 · 77	52 ,, .	47	5	4	7 · 94
3 ,, . . .	2	7	4	3 · 15	53 ,, .	48	4	6	2 · 32
4 ,, . . .	3	6	5	7 · 53	54 ,, .	49	3	7	6 · 71
5 ,, . . .	4	5	7	1 · 92	55 ,, .	50	2	9	1 · 09
6 ,, . . .	5	4	8	6 · 30	56 ,, .	51	2	0	5 · 47
7 ,, . . .	6	4	0	0 · 68	57 ,, .	52	1	1	9 · 86
8 ,, . . .	7	3	1	5 · 07	58 ,, .	53	0	3	4 · 24
9 ,, . . .	8	2	2	9 · 45	59 ,, .	53	9	4	8 · 63
10 ,, . . .	9	1	4	3 · 83	60 ,, .	54	8	6	3 · 01
11 ,, . . .	10	0	5	8 · 22	61 ,, .	55	7	7	7 · 39
12 ,, . . .	10	9	7	2 · 60	62 ,, .	56	6	9	1 · 78
13 ,, . . .	11	8	8	6 · 99	63 ,, .	57	6	0	6 · 16

MEASURES OF LENGTH.

III.—Cloth Measure converted into Metric.

	Metres.	Deci-metres.	Centi-metres.	Milli-metres. dec.		Metres.	Deci-metres.	Centi-metres.	Milli-metres. dec.
64 yards. .	58	5	2	0 · 54	115 yards .	105	1	5	4 · 10
65 ,, . .	59	4	3	4 · 93	116 ,, .	106	0	6	8 · 48
66 ,, . .	60	3	4	9 · 31	117 ,, .	106	9	8	2 · 87
67 ,, . .	61	2	6	3 · 69	118 ,, .	107	8	9	7 · 25
68 ,, . .	62	1	7	8 · 08	119 ,, .	108	8	1	1 · 63
69 ,, . .	63	0	9	2 · 46	120 ,, .	109	7	2	6 · 02
70 ,, . .	64	0	0	6 · 84	121 ,, .	110	6	4	0 · 40
71 ,, . .	64	9	2	1 · 23	122 ,, .	111	5	5	4 · 78
72 ,, . .	65	8	3	5 · 61	123 ,, .	112	4	6	9 · 17
73 ,, . .	66	7	4	9 · 99	124 ,, .	113	3	8	3 · 55
74 ,, . .	67	6	6	4 · 38	125 ,, .	114	2	9	7 . 94
75 ,, . .	68	5	7	8 · 76	126 ,, .	115	2	1	2 · 32
76 ,, . .	69	4	9	3 · 14	127 ,, .	116	1	2	6 · 70
77 ,, . .	70	4	0	7 · 53	128 ,, .	117	0	4	1 · 09
78 ,, . .	71	3	2	1 · 91	129 ,, .	117	9	5	5 · 47
79 ,, . .	72	2	3	6 · 30	130 ,, .	118	8	6	9 · 85
80 ,, . .	73	1	5	0 · 68	131 ,, .	119	7	8	4 · 24
81 ,, . .	74	0	6	5 · 06	132 ,, .	120	6	9	8 · 62
82 ,, . .	74	9	7	9 · 45	133 ,, .	121	6	1	3 · 00
83 ,, . .	75	8	9	3 · 83	134 ,, .	122	5	2	7 · 39
84 ,, . .	76	8	0	8 · 21	135 ,, .	123	4	4	1 · 77
85 ,, . .	77	7	2	2 · 60	136 ,, .	124	3	5	6 · 15
86 ,, . .	78	6	3	6 · 98	137 ,, .	125	2	7	0 · 54
87 ,, . .	79	5	5	1 · 36	138 ,, .	126	1	8	4 · 92
88 ,, . .	80	4	6	5 · 75	139 ,, .	127	0	9	9 · 30
89 ,, . .	81	3	8	0 · 13	140 ,, .	128	0	1	3 · 69
90 ,, . .	82	2	9	4 · 51	141 ,, .	128	9	2	8 · 07
91 ,, . .	83	2	0	8 · 90	142 ,, .	129	8	4	2 · 45
92 ,, . .	84	1	2	3 · 28	143 ,, .	130	7	5	6 · 84
93 ,, . .	85	0	3	7 · 66	144 ,, .	131	6	7	1 · 22
94 ,, . .	85	9	5	2 · 05	145 ,, .	132	5	8	5 · 60
95 ,, . .	86	8	6	6 · 43	146 ,, .	133	4	9	9 · 99
96 ,, . .	87	7	8	0 · 81	147 ,, .	134	4	1	4 · 37
97 ,, . .	88	6	9	5 · 20	148 ,, .	135	3	2	8 · 76
98 ,, . .	89	6	0	9 · 58	149 ,, .	136	2	4	3 · 14
99 ,, . .	90	5	2	3 · 96	150 ,, .	137	1	5	7 · 52
100 ,, . .	91	4	3	8 · 35	200 ,, .	182	8	7	6 · 70
101 ,, . .	92	3	5	2 · 73	300 ,, .	274	3	1	5 · 04
102 ,, . .	93	2	6	7 · 12	400 ,, .	365	7	5	3 · 39
103 ,, . .	94	1	8	1 · 50	500 ,, .	457	1	9	1 · 74
104 ,, . .	95	0	9	5 · 88	600 ,, .	548	6	3	0 · 09
105 ,, . .	96	0	1	0 · 27	700 ,, .	640	0	6	8 · 44
106 ,, . .	96	9	2	4 · 65	800 ,, .	731	5	0	6 · 78
107 ,, . .	97	8	3	9 · 03	900 ,, .	822	9	4	5 · 13
108 ,, . .	98	7	5	3 · 42	1,000 ,, .	914	3	8	3 · 48
109 ,, . .	99	6	6	7 · 80	2,000 ,, .	1,828	7	6	6 · 96
110 ,, . .	100	5	8	2 · 18	3,000 ,, .	2,743	1	5	0 · 44
111 ,, . .	101	4	9	6 · 57	4,000 ,, .	3,657	5	3	3 · 92
112 ,, . .	102	4	1	0 · 95	5,000 ,, .	4,571	9	1	7 · 40
113 ,, . .	103	3	2	5 · 33	6,000 ,, .	5,486	3	0	0 · 88
114 ,, . .	104	2	3	9 · 72	7,000 ,, .	6,400	6	8	4 · 36

MEASURES OF LENGTH.

IV.—Metric Measure converted into Cloth Measure.

		Yards.	Qrs.	Nails.	Inches. decimals.	OR THUS Yards. decimals.	Ells.	OR THUS qrs. decimals.
1	Centimetre, . .	...	...	...	0 . 394	0·010936	...	0 · 04374532
2	,, . .	...	...	...	0 . 787	0·021873	...	0 · 08749064
3	,, . .	...	...	...	1 . 181	0·032809	...	0 · 13123596
4	,, . .	...	...	...	1 . 575	0·043745	...	0 · 17498128
5	,, . .	...	...	...	1 . 969	0·054682	...	0 · 21872661
6	,, . .	...	...	1	0 . 112	0·065618	...	0 · 26247193
7	,, . .	...	...	1	0 . 506	0·076554	...	0 · 30621725
8	,, . .	...	...	1	0 . 900	0·087491	...	0 · 34996257
9	,, . .	...	...	1	1 . 293	0·098427	...	0 · 3937079
1	Decimetre, . .	...	...	1	1 . 687	0·109363	...	0 · 4374532
2	,, . .	...	...	3	1 . 124	0·218727	...	0 · 8749064
3	,, . .	...	1	1	0 . 561	0·328090	...	1 · 31235968
4	,, . .	...	1	2	2 . 248	0·437453	...	1 · 74981281
5	,, . .	...	2	0	1 . 685	0·546817	...	2 · 18726613
6	,, . .	...	2	2	1 . 123	0·656180	...	2 · 62471936
7	,, . .	...	3	0	0 . 560	0·765543	...	3 · 06217258
8	,, . .	...	3	1	2 . 247	0·874906	...	3 · 49962577
9	,, . .	...	3	3	1 . 684	0·984270	...	3 · 937079
1	Metre, . .	1	0	1	1 . 121	1·093633	...	4 · 37453 2
2	,, . .	2	0	2	2 . 242	2·187266	1	3 · 74906 4
3	,, . .	3	1	0	1 . 112	3·280899	2	3 · 12359 6
4	,, . .	4	1	1	2 . 233	4·374532	3	2 · 49812 8
5	,, . .	5	1	3	1 . 104	5·468165	4	1 · 87266 1
6	,, . .	6	2	0	2 . 225	6·561798	5	1 · 24719 3
7	,, . .	7	2	2	1 . 096	7·655431	6	0 · 62172 5
8	,, . .	8	2	3	2 . 216	8·749064	6	4 · 99625 7
9	,, . .	9	3	1	1 . 087	9·842698	7	4 · 37079
10	,, . .	10	3	2	2 . 208	10·936331	8	3 · 74532
11	,, . .	12	0	0	1 . 079	12·029964	9	3 · 11985 4
12	,, . .	13	0	1	2 . 199	13·123597	10	2 · 49438 6
13	,, . .	14	0	3	1 . 070	14·217230	11	1 · 86891 8
14	,, . .	15	1	0	2 . 191	15·310863	12	1 · 24345 1
15	,, . .	16	1	2	1 . 062	16·404496	13	0 · 61798 3
16	,, . .	17	1	3	2 . 183	17·498129	13	4 · 99251 5
17	,, . .	18	2	1	1 . 053	18·591762	14	4 · 36704 7
18	,, . .	19	2	2	2 . 174	19·685395	15	3 · 74158
19	,, . .	20	3	0	1 . 045	20·779028	16	3 · 11611 2
20	,, . .	21	3	1	2 . 166	21·872661	17	2 · 49064
21	,, . .	22	3	3	1 . 037	22·966294	18	1 · 86517 6
22	,, . .	24	0	0	2 . 157	24·059927	19	1 · 23970 8
23	,, . .	25	0	2	1 . 028	25·153560	20	0 · 61424 1
24	,, . .	26	0	3	2 . 149	26·247193	20	4 · 98877 3
25	,, . .	27	1	1	1 . 020	27·340826	21	4 · 36330 5
26	,, . .	28	1	2	2 . 141	28·434459	22	3 · 73783 7
27	,, . .	29	2	0	1 . 011	29·528093	23	3 · 11237
28	,, . .	30	2	1	2 . 132	30·621725	24	2 · 48690 2
29	,, . .	31	2	3	1 . 003	31·715359	25	1 · 86143 4
30	,, . .	32	3	0	2 . 124	32·808992	26	1 · 23596
31	,, . .	33	3	2	0 . 994	33·902625	27	0 · 61049 8
32	,, . .	34	3	3	2 . 115	34·996258	27	4 · 98503 1

MEASURES OF LENGTH.

IV.—Metric Measure converted into Cloth Measure.

	Yards.	Qrs.	Nails.	Inches. decimals.	OR THUS Yards. decimals.	Ells.	OR THUS qrs. decimals.
33 Metres, . . .	36	0	1	0 . 986	36 · 089891	28	4 · 359563
34 „ . . .	37	0	2	2 . 107	37 · 183524	29	3 · 734095
35 „ . . .	38	1	0	0 . 978	38 · 277157	30	3 · 108627
36 „ . . .	39	1	1	2 . 098	39 · 370790	31	2 · 48316
37 „ . . .	40	1	3	0 . 969	40 · 464423	32	1 · 857692
38 „ . . .	41	2	0	2 . 090	41 · 558056	33	1 · 232224
39 „ . . .	42	2	2	0 . 961	42 · 651689	34	0 · 606756
40 „ . . .	43	2	3	2 . 082	43 · 745322	34	4 · 98128
41 „ . . .	44	3	1	0 . 952	44 · 838955	35	4 · 355821
42 „ . . .	45	3	2	2 . 073	45 · 932588	36	3 · 730353
43 „ . . .	47	0	0	0 . 944	47 · 026221	37	3 · 104885
44 „ . . .	48	0	1	2 . 065	48 · 119854	38	2 · 479417
45 „ . . .	49	0	3	0 . 936	49 · 213488	39	1 · 85395
46 „ . . .	50	1	0	2 . 056	50 · 307121	40	1 · 228482
47 „ . . .	51	1	2	0 . 927	51 · 400754	41	0 · 603014
48 „ . . .	52	1	3	2 . 048	52 · 494387	41	4 · 977546
49 „ . . .	53	2	1	0 . 919	53 · 588020	42	4 · 352078
50 „ . . .	54	2	2	2 . 040	54 · 681653	43	3 · 72661
51 „ . . .	55	3	0	0 . 910	55 · 775286	44	3 · 101143
52 „ . . .	56	3	1	2 . 031	56 · 868919	45	2 · 475675
53 „ . . .	57	3	3	0 . 902	57 · 962552	46	1 · 850207
54 „ . . .	59	0	0	2 . 023	59 · 056185	47	1 · 22474
55 „ . . .	60	0	2	0 . 893	60 · 149818	48	0 · 599272
56 „ . . .	61	0	3	2 . 014	61 · 243451	48	4 · 973804
57 „ . . .	62	1	1	0 . 885	62 · 337084	49	4 · 348336
58 „ . . .	63	1	2	2 . 006	63 · 430717	50	3 · 722868
59 „ . . .	64	2	0	0 . 877	64 · 524350	51	3 · 097401
60 „ . . .	65	2	1	1 . 997	65 · 617983	52	2 · 47193
61 „ . . .	66	2	3	0 . 868	66 · 711616	53	1 · 846465
62 „ . . .	67	3	0	1 . 989	67 · 805249	54	1 · 220997
63 „ . . .	68	3	2	0 . 860	68 · 898883	55	0 · 59553
64 „ . . .	69	3	3	1 . 981	69 · 992516	55	4 · 970062
65 „ . . .	71	0	1	0 . 851	71 · 086149	56	4 · 344594
66 „ . . .	72	0	2	1 . 972	72 · 179782	57	3 · 719126
67 „ . . .	73	1	0	0 . 843	73 · 273415	58	3 · 093658
68 „ . . .	74	1	1	1 . 964	74 · 367048	59	2 · 468191
69 „ . . .	75	1	3	0 . 835	75 · 460681	60	1 · 842723
70 „ . . .	76	2	0	1 . 955	76 · 554314	61	1 · 21725
71 „ . . .	77	2	2	0 . 826	77 · 647947	62	0 · 591787
72 „ . . .	78	2	3	1 . 947	78 · 741580	62	4 · 96632
73 „ . . .	79	3	1	0 . 818	79 · 835213	63	4 · 340852
74 „ . . .	80	3	2	1 . 938	80 · 928846	64	3 · 715384
75 „ . . .	82	0	0	0 . 809	82 · 022479	65	3 · 089916
76 „ . . .	83	0	1	1 . 930	83 · 116112	66	2 · 464448
77 „ . . .	84	0	3	0 . 801	84 · 209745	67	1 · 838981
78 „ . . .	85	1	0	1 . 922	85 · 303378	68	1 · 213513
79 „ . . .	86	1	2	0 . 792	86 · 397011	69	0 · 588045
80 „ . . .	87	1	3	1 . 913	87 · 490644	69	4 · 96257
81 „ . . .	88	2	1	0 . 784	88 · 584278	70	4 · 33711
82 „ . . .	89	2	2	1 . 905	89 · 677911	71	3 · 711642

MEASURES OF LENGTH.

IV.—Metric Measure converted into Cloth Measure.

		Yards.	Qrs.	Nails.	Inches.	decimals.	OR THUS Yards.	decimals.	Ells.	qrs.	decimals.
83	Metres,	90	3	0	0	776	90	771544	72	3	086174
84	,,	91	3	1	1	896	91	865177	73	2	460706
85	,,	92	3	3	0	767	92	958810	74	1	835238
86	,,	94	0	0	1	888	94	052443	75	1	209771
87	,,	95	0	2	0	759	95	146076	76	0	584303
88	,,	96	0	3	1	880	96	239709	76	4	958835
89	,,	97	1	1	0	750	97	333342	77	4	333367
90	,,	98	1	2	1	871	98	426975	78	3	7079
91	,,	99	2	0	0	742	99	520608	79	3	082432
92	,,	100	2	1	1	863	100	614241	80	2	456964
93	,,	101	2	3	0	733	101	707874	81	1	831496
94	,,	102	3	0	1	854	102	801507	82	1	206028
95	,,	103	3	2	0	725	103	895140	83	0	580561
96	,,	104	3	3	1	846	104	988773	83	4	955093
97	,,	106	0	1	0	717	106	082406	84	4	329625
98	,,	107	0	2	1	837	107	176039	85	3	704157
99	,,	108	1	0	0	708	108	269673	86	3	07869
100	,,	109	1	1	1	829	109	363306	87	2	4532
101	,,	110	1	3	0	700	110	456939	88	1	827754
102	,,	111	2	0	1	821	111	550572	89	1	202286
103	,,	112	2	2	0	691	112	644205	90	0	576818
104	,,	113	2	3	1	812	113	737838	90	4	951351
105	,,	114	3	1	0	683	114	831471	91	4	325883
106	,,	115	3	2	1	804	115	925104	92	3	700415
107	,,	117	0	0	0	675	117	018737	93	3	074947
108	,,	118	0	1	1	795	118	112370	94	2	44948
109	,,	119	0	3	0	666	119	206003	95	1	824012
110	,,	120	1	0	1	787	120	299636	96	1	19854
111	,,	121	1	2	0	658	121	393269	97	0	573076
112	,,	122	1	3	1	778	122	486902	97	4	947608
113	,,	123	2	1	0	649	123	580535	98	4	322141
114	,,	124	2	2	1	770	124	674168	99	3	696673
115	,,	125	3	0	0	641	125	767801	100	3	071205
116	,,	126	3	1	1	762	126	861434	101	2	445737
117	,,	127	3	3	0	632	127	955068	102	1	82027
118	,,	129	0	0	1	753	129	048701	103	1	194802
119	,,	130	0	2	0	624	130	142334	104	0	569334
120	,,	131	0	3	1	745	131	235967	104	4	94386
200	,,	218	2	3	1	408	218	72661	174	4	9064
300	,,	328	0	1	0	987	328	089916	262	2	3596
400	,,	437	1	3	0	566	437	4532	349	4	8128
500	,,	546	3	1	0	145	546	816527	437	2	2661
600	,,	656	0	2	1	974	656	17983	524	4	7193
700	,,	765	2	0	1	553	765	543138	612	2	1725
800	,,	874	3	2	1	132	874	9064	699	4	6257
900	,,	984	1	0	0	711	984	26975	787	2	079
1,000	,,	1,093	2	2	0	290	1,093	63305	874	4	532
2,000	,,	2,187	1	0	0	58	2,187	2661	1,749	4	064
3,000	,,	3,280	3	2	0	87	3,280	89916	2,624	3	596
4,000	,,	4,374	2	0	1	16	4,374	532	3,499	3	128

SUPERFICIAL MEASURES

OR

MEASURES OF SURFACE.

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MEASURES OF SURFACE.

I.—Square Measure converted into Metric.

	Hect-ares.	Dek-ares.	Ares.	Centi-ares. decimals.		Hect-ares.	Dek-ares.	Ares.	Centi-ares. dec.
1 sq. inch,	...	...	...	0 · 0006451	80 sq. yards,	...	...	...	66 · 8878
1 sq. foot,	...	...	...	0 · 0928997	90 „	...	...	...	75 · 2487
2 „	...	..	...	0 · 1857994	100 „	...	...	...	83 · 6097
3 „	...	...	...	0 · 2786991	200 „	...	...	1	67 · 2194
4 „	...	...	...	0 . 3715987	300 „	...	...	2	50 · 8291
5 „	...	...	...	0 · 4644984	400 „	...	...	3	34 · 4389
6 „	...	...	...	0 · 5573981	500 „	...	...	4	18 · 0486
7 „	...	...	...	0 · 6502978	600 „	...	...	5	01 · 6583
8 „	...	...	...	0 · 7431975	700 „	...	...	5	85 · 2680
9 „	...	...	...	0 · 8360972	800 „	...	...	6	68 · 8777
10 „	...	...	...	0 · 928997	900 „	...	...	7	52 · 4874
20 „	...	...	...	1 · 857994	1,000 „	...	...	8	36 · 097
30 „	...	...	...	2 · 786991	2,000 „	...	1	6	72 · 194
40 „	...	...	...	3 · 715987	3,000 „	...	2	5	08 · 291
50 „	...	...	...	4 · 644984	4,000 „	...	3	3	44 · 389
60 „	...	...	...	5 · 573981	4,840 „ or 1 acre,	...	4	0	46 · 710
70 „	...	...	...	6 · 502978	2 acres,	...	8	0	93 · 420
80 „	...	...	...	7 · 431975	3 „	1	2	1	40 · 131
90 „	...	...	...	8 · 360972	4 „	1	6	1	86 · 841
100 „	...	...	...	9 · 289968	5 „	2	0	2	33 · 551
1 sq. yard,	...	...	...	0 · 83610	6 „	2	4	2	80 · 261
2 „	...	...	...	1 · 67219	7 „	2	8	3	26 · 971
3 „	...	...	...	2 · 50829	8 „	3	2	3	73 · 682
4 „	...	...	...	3 · 34439	9 „	3	6	4	20 · 392
5 „	...	...	...	4 · 18049	10 „	4	0	4	67 · 102
6 „	...	...	...	5 · 01658	11 „	4	4	5	13 · 812
7 „	...	...	...	5 · 85268	12 „	4	8	5	60 · 522
8 „	...	...	...	6 · 68878	13 „	5	2	6	07 · 233
9 „	...	...	...	7 · 52487	14 „	5	6	6	53 · 943
10 „	...	...	...	8 · 36097	15 „	6	0	7	00 · 653
20 „	...	...	...	16 · 7219	16 „	6	4	7	47 · 363
30 „	...	...	...	25 · 0829	17 „	6	8	7	94 · 074
30¼ „ or 1 perch,	...	...	...	25 · 2919	18 „	7	2	8	40 · 784
2 „	...	...	...	50 · 5839	19 „	7	6	8	87 · 494
3 „	...	...	...	75 · 8758	20 „	8	0	9	34 · 204
4 „	...	...	1	01 · 1678	21 „	8	4	9	80 · 914
5 „	...	...	1	26 · 4597	22 „	8	9	0	27 · 625
6 „	...	...	1	51 · 7516	23 „	9	3	0	74 · 335
7 „	...	...	1	77 · 0436	24 „	9	7	1	21 · 045
8 „	...	...	2	02 · 3355	25 „	10	1	1	67 · 755
9 „	...	...	2	27 · 6274	26 „	10	5	2	14 · 465
10 „	...	...	2	52 · 9194	27 „	10	9	2	61 · 176
20 „	...	...	5	05 · 8388	28 „	11	3	3	07 · 886
30 „	...	...	7	58 · 7582	29 „	11	7	3	54 · 596
1 rood,	...	1	0	11 · 6776	30 „	12	1	4	01 · 306
2 „	...	2	0	23 · 3551	31 „	12	5	4	48 · 016
3 „	...	3	0	35 · 0327	32 „	12	9	4	94 · 727
40 sq. yards,	...	...	...	33 · 4439	33 „	13	3	5	41 · 437
50 „	...	...	...	41 · 8049	34 „	13	7	5	88 · 147
60 „	...	...	...	50 · 1658	35 „	14	1	6	34 · 857
70 „	...	...	...	58 · 5268	36 „	14	5	6	81 · 567

MEASURES OF SURFACE.

I.—Square Measure converted into Metric.

	Hect-ares.	Dek-ares.	Ares.	Centi-ares. dec.		Hect-ares.	Dek-ares.	Ares.	Centi-ares. dec.
37 acres, . .	14	9	7	28 · 278	88 acres, ...	35	6	1	10 · 498
38 „ . .	15	3	7	74 · 988	89 „	36	0	1	57 · 208
39 „ . .	15	7	8	21 · 698	90 „	36	4	2	03 · 919
40 „ . .	16	1	8	68 · 408	91 „	36	8	2	50 · 629
41 „ . .	16	5	9	15 · 118	92 „	37	2	2	97 · 339
42 „ . .	16	9	9	61 · 829	93 „	37	6	3	44 · 049
43 „ . .	17	4	0	08 · 539	94 „	38	0	3	90 · 759
44 „ . .	17	8	0	55 · 249	95 „	38	4	4	37 · 470
45 „ . .	18	2	1	01 · 959	96 „	38	8	4	84 · 180
46 „ . .	18	6	1	48 · 669	97 „	39	2	5	30 · 890
47 „ . .	19	0	1	95 · 380	98 „	39	6	5	77 · 600
48 „ . .	19	4	2	42 · 090	99 „	40	0	6	24 · 310
49 „ . .	19	8	2	88 · 800	100 „	40	4	6	71 · 021
50 „ . .	20	2	3	35 · 510	200 „	80	9	3	42 · 041
51 „ . .	20	6	3	82 · 221	300 „	121	4	0	13 · 062
52 „ . .	21	0	4	28 · 931	400 „	161	8	6	84 · 082
53 „ . .	21	4	4	75 · 641	500 „	202	3	3	55 · 103
54 „ . .	21	8	5	22 · 351	600 „	242	8	0	26 · 124
55 „ . .	22	2	5	69 · 061	700 „	283	2	6	97 · 144
56 „ . .	22	6	6	15 · 772	800 „	323	7	3	68 · 165
57 „ . .	23	0	6	62 · 482	900 „	364	2	0	39 · 185
58 „ . .	23	4	7	09 · 192	1,000 „	404	6	7	10 · 206
59 „ . .	23	8	7	55 · 902	2,000 „	809	3	4	20 · 41
60 „ . .	24	2	8	02 · 612	3,000 „	1,214	0	1	30 · 62
61 „ . .	24	6	8	49 · 323	4,000 „	1,618	6	8	40 · 82
62 „ . .	25	0	8	96 · 033	5,000 „	2,023	3	5	51 · 03
63 „ . .	25	4	9	42 · 743	6,000 „	2,428	0	2	61 · 24
64 „ . .	25	8	9	89 · 453	7,000 „	2,832	6	9	71 · 44
65 „ . .	26	3	0	36 · 163	8,000 „	3,237	3	6	81 · 65
66 „ . .	26	7	0	82 · 874	9,000 „	3,642	0	3	91 · 85
67 „ . .	27	1	1	29 · 584	10,000 „	4,046	7	1	02 · 1
68 „ . .	27	5	1	76 · 294	1 sq. mile, or 640 acres,	258	9	8	94 · 5
69 „ . .	27	9	2	23 · 004	2 „	517	9	7	89 · 1
70 „ . .	28	3	2	69 · 714	3 „	776	9	6	83 · 6
71 „ . .	28	7	3	16 · 425	4 „	1,035	9	5	78 · 1
72 „ . .	29	1	3	63 · 135	5 „	1,294	9	4	72 · 7
73 „ . .	29	5	4	09 · 845	6 „	1,553	9	3	67 · 2
74 „ . .	29	9	4	56 · 555	7 „	1,812	9	2	61 · 7
75 „ . .	30	3	5	03 · 265	8 „	2,071	9	1	56 · 3
76 „ . .	30	7	5	49 · 976	9 „	2,330	9	0	50 · 8
77 „ . .	31	1	5	96 · 686	10 „	2,589	8	9	45
78 „ . .	31	5	6	43 · 396	20 „	5,179	7	8	91
79 „ . .	31	9	6	90 · 106	30 „	7,769	6	8	36
80 „ . .	32	3	7	36 · 816	40 „	10,359	5	7	81
81 „ . .	32	7	7	83 · 527	50 „	12,949	4	7	27
82 „ . .	33	1	8	30 · 237	60 „	15,539	3	6	72
83 „ . .	33	5	8	76 · 947	70 „	18,129	2	6	17
84 „ . .	33	9	9	23 · 657	80 „	20,719	1	5	63
85 „ . .	34	3	9	70 · 368	90 „	23,309	0	5	08
86 „ . .	34	8	0	17 · 078	100 „	25,898	9	4	53
87 „ . .	35	2	0	63 · 788	200 „	51,797	8	9	06

MEASURES OF SURFACE.

II.—Metric Measure converted into Square Measure.

	Square Yards.	decimals.		Square Yards.	decimals.
1/100 Centiare, or square metre	0	01196	33 Centiares, or square metres	39	46910
2/100 ,, ,, ,,	0	02392	34 ,, ,, ,,	40	66513
3/100 ,, ,, ,,	0	03588	35 ,, ,, ,,	41	86116
4/100 ,, ,, ,,	0	04784	36 ,, ,, ,,	43	05720
5/100 ,, ,, ,,	0	05980	37 ,, ,, ,,	44	25323
6/100 ,, ,, ,,	0	07176	38 ,, ,, ,,	45	44926
7/100 ,, ,, ,,	0	08372	39 ,, ,, ,,	46	64530
8/100 ,, ,, ,,	0	09568	40 ,, ,, ,,	47	84133
9/100 ,, ,, ,,	0	10764	41 ,, ,, ,,	49	03736
1/10 ,, ,, ,,	0	11960	42 ,, ,, ,,	50	23340
2/10 ,, ,, ,,	0	23921	43 ,, ,, ,,	51	42943
3/10 ,, ,, ,,	0	35881	44 ,, ,, ,,	52	62546
4/10 ,, ,, ,,	0	47841	45 ,, ,, ,,	53	82150
5/10 ,, ,, ,,	0	59802	46 ,, ,, ,,	55	01753
6/10 ,, ,, ,,	0	71762	47 ,, ,, ,,	56	21356
7/10 ,, ,, ,,	0	83722	48 ,, ,, ,,	57	40960
8/10 ,, ,, ,,	0	95683	49 ,, ,, ,,	58	60563
9/10 ,, ,, ,,	1	07643	50 ,, ,, ,,	59	80166
1 ,, ,, ,,	1	19603	51 ,, ,, ,,	60	99770
2 ,, ,, ,,	2	39207	52 ,, ,, ,,	62	19373
3 ,, ,, ,,	3	58810	53 ,, ,, ,,	63	38976
4 ,, ,, ,,	4	78413	54 ,, ,, ,,	64	58580
5 ,, ,, ,,	5	98017	55 ,, ,, ,,	65	78183
6 ,, ,, ,,	7	17620	56 ,, ,, ,,	66	97786
7 ,, ,, ,,	8	37223	57 ,, ,, ,,	68	17390
8 ,, ,, ,,	9	56827	58 ,, ,, ,,	69	36993
9 ,, ,, ,,	10	76430	59 ,, ,, ,,	70	56596
10 ,, ,, ,,	11	96033	60 ,, ,, ,,	71	76200
11 ,, ,, ,,	13	15637	61 ,, ,, ,,	72	95803
12 ,, ,, ,,	14	35240	62 ,, ,, ,,	74	15406
13 ,, ,, ,,	15	54843	63 ,, ,, ,,	75	35010
14 ,, ,, ,,	16	74447	64 ,, ,, ,,	76	54613
15 ,, ,, ,,	17	94050	65 ,, ,, ,,	77	74216
16 ,, ,, ,,	19	13653	66 ,, ,, ,,	78	93820
17 ,, ,, ,,	20	33257	67 ,, ,, ,,	80	13423
18 ,, ,, ,,	21	52860	68 ,, ,, ,,	81	33026
19 ,, ,, ,,	22	72463	69 ,, ,, ,,	82	52629
20 ,, ,, ,,	23	92067	70 ,, ,, ,,	83	72233
21 ,, ,, ,,	25	11670	71 ,, ,, ,,	84	91836
22 ,, ,, ,,	26	31273	72 ,, ,, ,,	86	11439
23 ,, ,, ,,	27	50876	73 ,, ,, ,,	87	31043
24 ,, ,, ,,	28	70480	74 ,, ,, ,,	88	50646
25 ,, ,, ,,	29	90083	75 ,, ,, ,,	89	70249
26 ,, ,, ,,	31	09686	76 ,, ,, ,,	90	89853
27 ,, ,, ,,	32	29290	77 ,, ,, ,,	92	09456
28 ,, ,, ,,	33	48893	78 ,, ,, ,,	93	29059
29 ,, ,, ,,	34	68496	79 ,, ,, ,,	94	48663
30 ,, ,, ,,	35	88100	80 ,, ,, ,,	95	68266
31 ,, ,, ,,	37	07703	81 ,, ,, ,,	96	87869
32 ,, ,, ,,	38	27306	82 ,, ,, ,,	98	07473

MEASURES OF SURFACE.

II.—Metric Measure converted into Square Measure.

			Acres.	Square Yards.	decimals.	OR THUS Square Yards.	decimals.
83	Centiares, . . . or	83 square metres, .	...	99	· 27076	same.	
84	,, . . .	84 ,, . .	...	100	· 46679	,,	
85	,, . . .	85 ,, . .	...	101	· 66283	,,	
86	,, . . .	86 ,, . .	...	102	· 85886	,,	
87	,, . . .	87 ,, . .	...	104	· 05489	,,	
88	,, . . .	88 ,, . .	...	105	· 25093	,,	
89	,, . . .	89 ,, . .	...	106	· 44696	,,	
90	,, . . .	90 ,, . .	...	107	· 64299	,,	
91	,, . . .	91 ,, . .	...	108	· 83903	,,	
92	,, . . .	92 ,, . .	...	110	· 03506	,,	
93	,, . . .	93 ,, . .	...	111	· 23109	,,	
94	,, . . .	94 ,, . .	...	112	· 42713	,,	
95	,, . . .	95 ,, . .	...	113	· 62316	,,	
96	,, . . .	96 ,, . .	...	114	· 81919	,,	
97	,, . . .	97 ,, . .	...	116	· 01523	,,	
98	,, . . .	98 ,, . .	...	117	· 21126	,,	
99	,, . . .	99 ,, . .	...	118	· 40729	,,	
1	Are, ...	100 ,, . .	...	119	· 6033	,,	
2	,, ...	200 ,, . .	...	239	· 2067	,,	
3	,, ...	300 ,, . .	...	358	· 8100	,,	
4	,, ...	400 ,, . .	...	478	· 4133	,,	
5	,, ...	500 ,, . .	...	598	· 0166	,,	
6	,, ...	600 ,, . .	...	717	· 6200	,,	
7	,, ...	700 ,, . .	...	837	· 2233	,,	
8	,, ...	800 ,, . .	...	956	· 8266	,,	
9	,, ...	900 ,, . .	...	1076	· 4299	,,	
1	Dekare, . . .	1,000 ,, . .	...	1196	· 0333	,,	
2	,, ...	2,000 ,, . .	...	2392	· 0665	,,	
3	,, ...	3,000 ,, . .	...	3588	· 0998	,,	
4	,, ...	4,000 ,, . .	...	4784	· 1330	,,	
5	,, ...	5,000 ,, . .	1	1140	· 1663	5,980	· 1663
6	,, ...	6,000 ,, . .	1	2336	· 1996	7,176	· 1996
7	,, ...	7,000 ,, . .	1	3532	· 2328	8,372	· 2328
8	,, ...	8,000 ,, . .	1	4728	· 2661	9,568	· 2661
9	,, ...	9,000 ,, . .	2	1084	· 2993	10,764	· 2993
1	Hectare, . . .	10,000 ,, . .	2	2280	· 3326	11,960	· 3326
2	,, . . .	20,000 ,, . .	4	4560	· 6652	23,920	· 6652
3	,, . . .	30,000 ,, . .	7	2000	· 9978	35,880	· 9978
4	,, . . .	40,000 ,, . .	9	4281	· 3304	47,841	· 3304
5	,, . . .	50,000 ,, . .	12	1721	· 6630	59,801	· 6630
6	,, . . .	60,000 ,, . .	14	4001	· 9956	71,761	· 9956
7	,, . . .	70,000 ,, . .	17	1442	· 3282	83,722	· 3282
8	,, . . .	80,000 ,, . .	19	3722	· 6608	95,682	· 6608
9	,, . . .	90,000 ,, . .	22	1162	· 9934	107,642	· 9934
10	,, . . .	100,000 ,, . .	24	3443	· 3260	119,603	· 3260
11	,, . . .	110,000 ,, . .	27	883	· 6586	131,563	· 6586
12	,, . . .	120,000 ,, . .	29	3163	· 9912	143,523	· 9912
13	,, . . .	130,000 ,, . .	32	604	· 3238	155,484	· 3238
14	,, . . .	140,000 ,, . .	34	2884	· 6564	167,444	· 6564
15	,, . . .	150,000 ,, . .	37	324	· 9890	179,404	· 9890

MEASURES OF SURFACE.

II.—Metric Measure converted into Square Measure.

			Acres.	Square Yards.	decimals.	OR THUS Square Yards.	decimals.
16	Hectares . . .	or 160,000 square metres, .	39	2605	· 3216	191,365	· 3216
17	,, . . .	170,000 ,, . .	42	45	· 6542	203,325	· 6542
18	,, . . .	180,000 ,, . .	44	2325	· 9868	215,285	· 9868
19	,, . . .	190,000 ,, . .	46	4606	· 3194	227,246	· 3194
20	,, . . .	200,000 ,, . .	49	2046	· 6520	239,206	· 6520
21	,, . . .	210,000 ,, . .	51	4326	· 9846	251,166	· 9846
22	,, . . .	220,000 ,, . .	54	1767	· 3172	263,127	· 3172
23	,, . . .	230,000 ,, . .	56	4047	· 6498	275,087	· 6498
24	,, . . .	240,000 ,, . .	59	1487	· 9824	287,047	· 9824
25	,, . . .	250,000 ,, . .	61	3768	· 3150	299,008	· 3150
26	,, . . .	260,000 ,, . .	64	1208	· 6476	310,968	· 6476
27	,, . . .	270,000 ,, . .	66	3488	· 9802	322,928	· 9802
28	,, . . .	280,000 ,, . .	69	929	· 3128	334,889	· 3128
29	,, . . .	290,000 ,, . .	71	3209	· 6454	346,849	· 6454
30	,, . . .	300,000 ,, . .	74	649	· 9780	358,809	· 9780
31	,, . . .	310,000 ,, . .	76	2930	· 3106	370,770	· 3106
32	,, . . .	320,000 ,, . .	79	370	· 6432	382,730	· 6432
33	,, . . .	330,000 ,, . .	81	2650	· 9758	394,690	· 9758
34	,, . . .	340,000 ,, . .	84	91	· 3084	406,651	· 3084
35	,, . . .	350,000 ,, . .	86	2371	· 6410	418,611	· 6410
36	,, . . .	360,000 ,, . .	88	4651	· 9736	430,571	· 9736
37	,, . . .	370,000 ,, . .	91	2092	· 3062	442,532	· 3062
38	,, . . .	380,000 ,, . .	93	4372	· 6388	454,492	· 6388
39	,, . . .	390,000 ,, . .	96	1812	· 9714	466,452	· 9714
40	,, . . .	400,000 ,, . .	98	4093	· 3040	478,413	· 3040
41	,, . . .	410,000 ,, . .	101	1533	· 6366	490,373	· 6366
42	,, . . .	420,000 ,, . .	103	3813	· 9692	502,333	· 9692
43	,, . . .	430,000 ,, . .	106	1254	· 3018	514,294	· 3018
44	,, . . .	440,000 ,, . .	108	3534	· 6344	526,254	· 6344
45	,, . . .	450,000 ,, . .	111	974	· 9670	538,214	· 9670
46	,, . . .	460,000 ,, . .	113	3255	· 2996	550,175	· 2996
47	,, . . .	470,000 ,, . .	116	695	· 6322	562,135	· 6322
48	,, . . .	480,000 ,, . .	118	2975	· 9648	574,095	· 9648
49	,, . . .	490,000 ,, . .	121	416	· 2974	586,056	· 2974
50	,, . . .	500,000 ,, . .	123	2696	· 6300	598,016	· 6300
51	,, . . .	510,000 ,, . .	126	136	· 9626	609,976	· 9626
52	,, . . .	520,000 ,, . .	128	2417	· 2952	621,937	· 2952
53	,, . . .	530,000 ,, . .	130	4697	· 6278	633,897	· 6278
54	,, . . .	540,000 ,, . .	133	2137	· 9604	645,857	· 9604
55	,, . . .	550,000 ,, . .	135	4418	· 2930	657,818	· 2930
56	,, . . .	560,000 ,, . .	138	1858	· 6256	669,778	· 6256
57	,, . . .	570,000 ,, . .	140	4138	· 9582	681,738	· 9582
58	,, . . .	580,000 ,, . .	143	1579	· 2908	693,699	· 2908
59	,, . . .	590,000 ,, . .	145	3859	· 6234	705,659	· 6234
60	,, . . .	600,000 ,, . .	148	1299	· 9560	717,619	· 9560
61	,, . . .	610,000 ,, . .	150	3580	· 2886	729,580	· 2886
62	,, . . .	620,000 ,, . .	153	1020	· 6212	741,540	· 6212
63	,, . . .	630,000 ,, . .	155	3300	· 9538	753,500	· 9538
64	,, . . .	640,000 ,, . .	158	741	· 2864	765,461	· 2864
65	,, . . .	650,000 ,, . .	160	3021	· 6190	777,421	· 6190

MEASURES OF SURFACE.

II.—Metric Measure converted into Square Measure.

			Acres.	Square Yards. decimals.	OR THUS Square Yards. dec.
66	Hectares, . . or	660,000 square metres, .	163	461 · 9516	789,381 · 9516
67	„ . .	670,000 „ . .	165	2742 · 2842	801,342 · 2842
68	„ . .	680,000 „ . .	168	182 · 6168	813,302 · 6168
69	„ . .	690,000 „ . .	170	2462 · 9494	825,262 · 9494
70	„ . .	700,000 „ . .	172	4743 · 2820	837,223 · 2820
71	„ . .	710,000 „ . .	175	2183 · 6146	849,183 · 6146
72	„ . .	720,000 „ . .	177	4463 · 9472	861,143 · 9472
73	„ . .	730,000 „ . .	180	1904 · 2798	873,104 · 2798
74	„ . .	740,000 „ . .	182	4184 · 6124	885,064 · 6124
75	„ . .	750,000 „ . .	185	1624 · 9450	897,024 · 9450
76	„ . .	760,000 „ . .	187	3905 · 2776	908,985 . 2776
77	„ . .	770,000 „ . .	190	1345 · 6102	920,945 · 6102
78	„ . .	780,000 „ . .	192	3625 · 9428	932,905 · 9428
79	„ . . .	790,000 „ . .	195	1066 · 2754	944,866 · 2754
80	„ . .	800,000 „ . .	197	3346 · 6080	956,826 · 6080
81	„ . .	810,000 „ . .	200	786 · 9406	968,786 · 9406
82	„ . .	820,000 „ . .	202	3067 · 2732	980,747 · 2732
83	„ . .	830,000 „ . .	205	507 · 6058	992,707 · 6058
84	„ . .	840,000 „ . .	207	2787 · 9384	1,004,667 · 9384
85	„ . .	850,000 „ . .	210	228 · 2710	1,016,628 · 2710
86	„ . .	860,000 „ . .	212	2508 · 6036	1,028,588 · 6036
87	„ . .	870,000 „ . .	214	4788 · 9362	1,040,548 · 9362
88	„ . .	880,000 „ . .	217	2229 · 2688	1,052,509 · 2688
89	„ . .	890,000 „ . .	219	4509 · 6014	1,064,469 · 6014
90	„ . .	900,000 „ . .	222	1949 · 9340	1,076,429 · 9340
91	„ . .	910,000 „ . .	224	4230 · 2666	1,088,390 · 2666
92	„ . .	920,000 „ . .	227	1670 · 5992	1,100,350 · 5992
93	„ . .	930,000 „ . .	229	3950 · 9318	1,112,310 · 9318
94	„ . .	940,000 „ . .	232	1391 · 2644	1,124,271 · 2644
95	„ . .	950,000 „ . .	234	3671 · 5970	1,136,231 · 5970
96	„ . .	960,000 „ . .	237	1111 · 9296	1,148,191 · 9296
97	„ . .	970,000 „ . .	239	3392 · 2622	1,160,152 · 2622
98	„ . .	980,000 „ . .	242	832 · 5948	1,172,112 · 5948
99	„ . .	990,000 „ . .	244	3112 · 9274	1,184,072 · 9274
100	„ . .	1,000,000 „ . .	247	553 · 26	1,196,033 · 26
200	„ . .	2,000,000 „ . .	494	1106 · 52	2,392,066 · 52
300	„ . .	3,000,000 „ . .	741	1659 · 78	3,588,099 · 78
400	„ . .	4,000,000 „ . .	988	2213 · 04	4,784,133 · 04
500	„ . .	5,000,000 „ . .	1,235	2766 · 30	5,980,166 · 30
600	„ . .	6,000,000 „ . .	1,482	3319 · 56	7,176,199 · 56
700	„ . .	7,000,000 „ . .	1,729	3872 · 82	8,372,232 · 82
800	„ . .	8,000,000 „ . .	1,976	4426 · 08	9,568,266 · 08
900	„ . .	9,000,000 „ . .	2,224	139 · 34	10,764,299 · 34
1,000	„ . .	10,000,000 „ . .	2,471	692 · 6	11,960,332 · 60
2,000	„ . .	20,000,000 „ . .	4,942	1385 · 2	23,920,665 · 2
3,000	„ . .	30,000,000 „ . .	7,413	2077 · 8	35,880,997 · 8
4,000	„ . .	40,000,000 „ . .	9,884	2770 · 4	47,841,330 · 4
5,000	„ . .	50,000,000 „ . .	12,355	3463 · 0	59,801,663 · 0
6,000	„ . .	60,000,000 „ . .	14,826	4155 · 6	71,761,995 · 6
7,000	„ . .	70,000,000 „ . .	17,298	8 · 2	83,722,328 · 2

MEASURES OF SURFACE.

III.—Metric Measure converted into Square Measure.

	Sq. Miles.	Acres.	Rood.	Perch.	Sq. Yards. dec.	OR THUS Square Miles. decimals.
1 Centiare,	..	..	..	..	1 · 19603	0 · 0000003861
1 Are,	..	..	..	3	28 · 8533	0 · 00003861
2 ,,	..	..	..	7	27 · 4567	0 · 00007722
3 ,,	..	..	..	11	26 · 0600	0 · 00011583
4 ,,	..	..	..	15	24 · 6633	0 · 00015445
5 ,,	..	..	..	19	23 · 2666	0 · 00019306
6 ,,	..	..	..	23	21 · 8700	0 · 00023167
7 ,,	..	..	..	27	20 · 4733	0 · 00027028
8 ,,	..	..	..	31	19 · 0766	0 · 00030889
9 ,,	..	..	..	35	17 · 6799	0 · 00034750
1 Dekare,	..	.	..	39	16 · 2833	0 · 00038612
2 ,,	..	..	1	39	2 · 3165	0 · 00077223
3 ,,	..	..	2	38	18 · 5998	0 · 00115835
4 ,,	..	..	3	38	4 · 6330	0 · 00154446
5 ,,	..	1	0	37	20 · 9163	0 · 00193058
6 ,,	..	1	1	37	6 · 9496	0 · 00231670
7 ,,	..	1	2	36	23 · 2328	0 · 00270281
8 ,,	..	1	3	36	9 · 2661	0 · 00308893
9 ,,	..	2	0	35	25 · 5493	0 · 00347504
1 Hectare,	..	2	1	35	11 · 5826	0 · 0038612
2 ,,	..	4	3	30	23 · 1652	0 · 0077223
3 ,,	..	7	1	26	4 · 4978	0 · 0115835
4 ,,	..	9	3	21	16 · 0804	0 · 0154446
5 ,,	..	12	1	16	27 · 6630	0 · 0193058
6 ,,	..	14	3	12	8 · 9956	0 · 0231670
7 ,,	..	17	1	7	20 · 5782	0 · 0270281
8 ,,	..	19	3	3	1 · 9108	0 · 0308893
9 ,,	..	22	0	38	13 · 4934	0 · 0347504
10 ,,	..	24	2	33	25 · 076	0 · 038612
20 ,,	..	49	1	27	19 · 902	0 · 077223
30 ,,	..	74	0	21	14 · 728	0 · 115835
40 ,,	..	98	3	15	9 · 554	0 · 154446
50 ,,	..	123	2	9	4 · 380	0 · 193058
60 ,,	..	148	1	2	29 · 456	0 · 231670
70 ,,	..	172	3	36	24 · 282	0 · 270281
80 ,,	..	197	2	30	19 · 108	0 · 308893
90 ,,	..	222	1	24	13 · 934	0 · 347504
100 ,,	..	247	0	18	8 · 76	0 · 386116
200 ,,	..	494	0	36	17 · 52	0 · 772232
300 ,,	1	101	1	14	26 · 28	1 · 158348
400 ,,	1	348	1	33	4 · 79	1 · 544464
500 ,,	1	595	2	11	13 · 55	1 · 930581
600 ,,	2	202	2	29	22 · 31	2 · 316697
700 ,,	2	449	3	8	0 · 82	2 · 702813
800 ,,	3	56	3	26	9 · 58	3 · 088929
900 ,,	3	303	0	4	18 · 34	3 · 475045
1,000 ,,	3	551	0	22	27 · 10	3 · 861161
2,000 ,,	7	462	1	5	23 · 95	7 · 722322
3,000 ,,	11	373	1	28	20 · 80	11 · 583483
4,000 ,,	15	284	2	11	17 · 65	15 · 444644
5,000 ,,	19	195	2	34	14 · 50	19 · 305805
6,000 ,,	23	106	3	17	11 · 35	23 · 166967
7,000 ,,	27	18	0	0	8 · 20	27 · 028128
8,000 ,,	30	569	0	23	5 · 05	30 · 889289
9,000 ,,	34	480	1	6	1 · 90	34 · 750450
10,000 ,,	38	391	1	28	29 · ..	38 · 611611
20,000 ,,	77	142	3	17	28 · ..	77 · 223222
30,000 ,,	115	534	1	6	27 · ..	115 · 834833
40,000 ,,	154	285	2	35	25 · ..	154 · 446444
50,000 ,,	193	37	0	24	24 · ..	193 · 058055
60,000 ,,	231	428	2	13	23 · ..	231 · 669666
70,000 ,,	270	180	0	2	22 · ..	270 · 281277
80,000 ,,	308	571	1	31	20 · ..	308 · 892887
90,000 ,,	347	322	3	20	19 · ..	347 · 504498
100,000 ,,	386	74	1	9	18 · ..	386 · 116109
200,000 ,,	772	148	2	19	5 · ..	772 · 232219
300,000 ,,	1158	222	3	28	23 · ..	1158 · 348328
400,000 ,,	1544	297	0	38	11 · ..	1544 · 464437
500,000 ,,	1 30	371	2	7	28 · ..	1930 · 580547
600,000 ,,	2316	445	3	17	16 · ..	2316 · 696656
700,000 ,,	2702	520	0	27	3 · ..	2702 · 812765
800,000 ,,	3088	594	1	36	21 · ..	3088 · 928874
900,000 ,,	3475	28	3	6	9 · ..	3475 · 044984
1,000,000 ,,	3861	103	0	15	26 · ..	3861 · 161093

CUBIC OR SOLID MEASURES.

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CUBIC OR SOLID MEASURES.

I.—Cubic Measure converted into Metric.

	Stere.	Decistere. decimals.	OR THUS: Cubic Metres.	Cubic Decimetres.	Cubic Centimetres. dec.	EQUIVALENTS: Measure of Capacity. Litres. decimals.	Which, if filled with pure Water, temp. 39°, would weigh Kilograms decimals.
ub. inch or $\frac{1}{1728}$ of a cubic foot,	...	0 · 00016386	...	...	16 · 386	0 . 016386	0 . 016386
12th of a cub. ft. or 144 cub. in.	...	0 · 02359609	...	2	359 · 609	2 . 359609	2 . 359609
,, ,, 288 ,,	...	0 · 04719219	...	4	719 · 219	4 . 719219	4 . 719219
,, ,, 432 ,,	...	0 · 07078828	...	7	78 · 828	7 . 078828	7 . 078828
,, ,, 576 ,,	...	0 · 09438437	...	9	438 · 437	9 . 438437	9 . 438437
,, ,, 720 ,,	...	0 · 11798047	...	11	798 · 047	11 . 798047	11 . 798047
,, ,, 864 ,,	...	0 · 14157656	...	14	157 · 656	14 . 157656	14 . 157656
,, ,, 1008 ,,	...	0 · 16517265	...	16	517 · 265	16 . 517265	16 . 517265
,, ,, 1152 ,,	...	0 · 18876875	...	18	876 · 875	18 . 876875	18 . 876875
,, ,, 1296 ,,	...	0 · 21236484	...	21	236 · 484	21 . 236484	21 . 236484
,, ,, 1440 ,,	...	0 . 23596093	...	23	596 · 093	23 . 596093	23 . 596093
,, ,, 1584 ,,	...	0 · 25955703	...	25	955 · 703	25 . 955703	25 . 955703
ubic foot or 1728 ,,	...	0 · 28315312	...	28	315 · 312	28 . 315312	28 . 315312
,, ...	...	0 · 56630624	..	56	630 · 624	56 . 630624	56 . 630624
,, ...	...	0 · 84945936	...	84	945 · 936	84 . 945936	84 . 945936
,, ...	...	1 · 13261248	...	113	261 · 248	113 . 261248	113 . 261248
,, ...	...	1 · 41576560	...	141	576 · 560	141 . 576560	141 . 576560
,, ...	...	1 · 69891872	...	169	891 · 872	169 . 891872	169 . 891872
,, ...	...	1 · 98207183	...	198	207 · 183	198 . 207183	198 . 207183
,, ...	...	2 · 26522495	...	226	522 · 495	226 . 522495	226 . 522495
,, ...	...	2 · 54837807	...	254	837 · 807	254 . 837807	254 . 837807
,, ...	...	2 · 83153119	...	283	153 · 119	283 . 153119	283 . 153119
,, ...	...	3 · 11468431	...	311	468 · 431	311 . 468431	311 . 468431
,, ...	...	3 · 39783743	...	339	783 · 743	339 . 783743	339 . 783743
,, ...	...	3 · 68099055	...	368	99 · 055	368 . 099055	368 . 099055
,, ...	...	3 · 96414367	...	396	414 · 367	396 . 414367	396 . 414367
,, ...	...	4 · 24729679	...	424	729 · 679	424 . 729679	424 . 729679
,, ...	...	4 · 53044991	...	453	44 · 991	453 . 044991	453 . 044991
,, ...	...	4 · 81360303	...	481	360 · 303	481 . 360303	481 . 360303
,, ...	...	5 · 09675615	...	509	675 · 615	509 . 675615	509 . 675615
,, ...	...	5 · 37990927	...	537	990 · 927	537 . 990927	537 . 990927
,, ...	...	5 · 66306239	...	566	306 · 239	566 . 306239	566 . 306239
,, ...	...	5 · 94621550	...	594	621 · 550	594 . 621550	594 . 621550
,, ...	...	6 · 22936862	...	622	936 · 862	622 . 936862	622 . 936862
,, ...	...	6 · 51252174	...	651	252 · 174	651 . 252174	651 . 252174
,, ...	...	6 · 79567486	...	679	567 · 486	679 . 567486	679 . 567486
,, ...	...	7 · 07882798	...	707	882 · 798	707 . 882798	707 . 882798
,, ...	...	7 · 36198110	...	736	198 · 110	736 . 198110	736 . 198110
,, ...	...	7 · 64513422	...	764	513 · 422	764 . 513422	764 . 513422
,, ...	...	7 · 92828734	...	792	828 · 734	792 . 828734	792 . 828734
,, ...	...	8 · 21144046	...	821	144 · 046	821 . 144046	821 . 144046
,, ...	...	8 · 49459358	...	849	459 · 358	849 . 459358	849 . 459358
,, ...	...	8 · 77774670	...	877	774 · 670	877 . 774670	877 . 774670
,, ...	...	9 · 06089982	...	906	89 · 982	906 . 089982	906 . 089982
,, ...	...	9 · 34405294	...	934	405 · 294	934 . 405294	934 . 405294
,, ...	...	9 · 62720605	...	962	720 · 605	962 . 720605	962 . 720605
,, ...	...	9 · 91035917	...	991	35 · 917	991 . 035917	991 . 035917
,, ...	1	0 · 19351229	1	19	351 · 229	1019 . 351229	1019 . 351229
,, ...	1	0 · 47666541	1	47	666 · 541	1047 . 666541	1047 . 666541
,, ...	1	0 · 75981853	1	75	981 · 853	1075 . 981853	1075 . 981853

CUBIC OR SOLID MEASURES.

I.—Cubic Measure converted into Metric.

	Stere.	Decastere. decimals	OR THUS			EQUIVALENTS	
			Cubic Metres	Cubic Decimetres	Cubic Centimetres dec.	Measure of Capacity. Litres. decimals.	Which, if filled with pure Water, temp. 39°, would weigh Kilograms. decimals
39 cub. ft., ...	1	1·04297165	1	104	297·165	1104 . 297165	1104 . 297165
40 ,, or 1 ton of 40 ft.,	1	1·32612477	1	132	612·477	1132 . 612477	1132 . 612477
2 ,, or 80 ,,	2	2·65224954	2	265	224·954	2265 . 2250	2265 . 2250
3 ,, or 120 ,,	3	3·97837432	3	397	837·432	3397 . 8374	3397 . 8374
4 ,, or 160 ,,	4	5·30449910	4	530	449·910	4530 . 4499	4530 . 4499
5 ,, or 200 ,,	5	6·63062386	5	663	62·386	5663 . 0624	5663 . 0624
6 ,, or 240 ,,	6	7·95674863	6	795	674·863	6795 . 6749	6795 . 6749
7 ,, or 280 ,,	7	9·28287341	7	928	287·341	7928 . 2873	7928 . 2873
8 ,, or 320 ,,	9	0·60899818	9	60	899·818	9060 . 8998	9060 . 8998
9 ,, or 360 ,,	10	1·93512295	10	193	512·295	10193 . 5123	10193 . 5123
10 ,, or 400 ,,	11	3·26124772	11	326	124·772	11326 . 1248	11326 . 1248
20 ,, or 800 ,,	22	6·52249545	22	652	249·545	22652 . 250	22652 . 250
30 ,, or 1200 ,,	33	9·78374317	33	978	374·317	33978 . 374	33978 . 374
40 ,, or 1600 ,,	45	3·04499090	45	304	499·090	45304 . 499	45304 . 499
50 ,, or 2000 ,,	56	6·30623862	56	630	623·862	56630 . 624	56630 . 624
60 ,, or 2400 ,,	67	9·56748634	67	956	748·634	67956 . 749	67956 . 749
70 ,, or 2800 ,,	79	2·82873407	79	282	873·407	79282 . 873	79282 . 873
80 ,, or 3200 ,,	90	6·08998179	90	608	998·179	90608 . 998	90608 . 998
90 ,, or 3600 ,,	101	9·35122952	101	935	122·952	101935 . 123	101935 . 123
100 ,, or 4000 ,,	113	2·61247724	113	261	247·724	113261 . 248	113261 . 248
41 cub. ft., ...	1	1·60927789	1	160	927·789	1160 . 927789	1160 . 927789
42 ,, ...	1	1·89243101	1	189	243·101	1189 . 243101	1189 . 243101
43 ,, ...	1	2·17558413	1	217	558·413	1217 . 558413	1217 . 558413
44 ,, ...	1	2·45873725	1	245	873·725	1245 . 873725	1245 . 873725
45 ,, ...	1	2·74189037	1	274	189·037	1274 . 189037	1274 . 189037
46 ,, ...	1	3·02504349	1	302	504·349	1302 . 504349	1302 . 504349
47 ,, ...	1	3·30819660	1	330	819·660	1330 . 819660	1330 . 819660
48 ,, ...	1	3·59134972	1	359	134·972	1359 . 134972	1359 . 134972
49 ,, ...	1	3·87450284	1	387	450·284	1387 . 450284	1387 . 450284
50 ,, or 1 ton of 50 ft.,	1	4·15765597	1	415	765·597	1415 . 765596	1415 . 765596
2 ,, or 100 ,,	2	8·31531193	2	831	531·193	2831 . 5312	2831 . 5312
3 ,, or 150 ,,	4	2·47296790	4	247	296·790	4247 . 2968	4247 . 2968
4 ,, or 200 ,,	5	6·63062386	5	663	62·386	5663 . 0624	5663 . 0624
5 ,, or 250 ,,	7	0·78827983	7	78	827·983	7078 . 8280	7078 . 8280
6 ,, or 300 ,,	8	4·94593579	8	494	593·579	8494 . 5936	8494 . 5936
7 ,, or 350 ,,	9	9·10359176	9	910	359·176	9910 . 3592	9910 . 3592
8 ,, or 400 ,,	11	3·26124772	11	326	124·772	11326 . 1248	11326 . 1248
9 ,, or 450 ,,	12	7·41890369	12	741	890·369	12741 . 8904	12741 . 8904
10 ,, or 500 ,,	14	1·57655966	14	157	655·966	14157 . 6560	14157 . 6560
20 ,, or 1000 ,,	28	3·15311931	28	315	311·931	28315 . 312	28315 . 312
30 ,, or 1500 ,,	42	4·72967896	42	472	967·896	42472 . 968	42472 . 968
40 ,, or 2000 ,,	56	6·30623862	56	630	623·862	56630 . 624	56630 . 624
50 ,, or 2500 ,,	70	7·88279827	70	788	279·827	70788 . 280	70788 . 280
60 ,, or 3000 ,,	84	9·45935793	84	945	935·793	84945 . 936	84945 . 936
70 ,, or 3500 ,,	99	1·03591758	99	103	591·758	99103 . 592	99103 . 592
80 ,, or 4000 ,,	113	2·61247724	113	261	247·724	113261 . 248	113261 . 248
90 ,, or 4500 ,,	127	4·18903689	127	418	903·689	127418 . 904	127418 . 904
100 ,, or 5000 ,,	141	5·76559655	141	576	559·655	141576 . 560	141576 . 560
51 cub. ft., ...	1	4·44080908	1	444	80·908	1444 . 080908	1444 . 080908
52 ,, ...	1	4·72396220	1	472	396·220	1472 . 396220	1472 . 396220

CUBIC OR SOLID MEASURES.

I.—Cubic Measure converted into Metric.

		Stere.	Decistere.	decimals.	OR THUS: Cubic Metres.	Cubic Decimetres.	Cubic Centimetres. dec.	EQUIVALENTS: Measure of Capacity. Litres.	decimals.	Which, if filled with pure Water, temp. 39°, would weigh Kilograms.	decimals.
53	cubic feet . . .	1	5	00711532	1	500	711 · 532	1500	71153	1500	71153
54	,, . . .	1	5	29026844	1	529	26 · 844	1529	02684	1529	02684
55	,, . . .	1	5	57342156	1	557	342 · 156	1557	34216	1557	34216
56	,, . . .	1	5	85657468	1	585	657 · 468	1585	65747	1585	65747
57	,, . . .	1	6	13972780	1	613	972 · 780	1613	97278	1613	97278
58	,, . . .	1	6	42288092	1	642	288 · 092	1642	28809	1642	28809
59	,, . . .	1	6	70603404	1	670	603 · 404	1670	60340	1670	60340
60	,, . . .	1	6	98918716	1	698	918 · 716	1698	91872	1698	91872
61	,, . . .	1	7	27234027	1	727	234 · 027	1727	23403	1727	23403
62	,, . . .	1	7	55549339	1	755	549 · 339	1755	54934	1755	54934
63	,, . . .	1	7	83864651	1	783	864 · 651	1783	86465	1783	86465
64	,, . . .	1	8	12179963	1	812	179 · 963	1812	17996	1812	17996
65	,, . . .	1	8	40495275	1	840	495 · 275	1840	49528	1840	49528
66	,, . . .	1	8	68810587	1	868	810 · 587	1868	81059	1868	81059
67	,, . . .	1	8	97125899	1	897	125 · 899	1897	12590	1897	12590
68	,, . . .	1	9	25441211	1	925	441 · 211	1925	44121	1925	44121
69	,, . . .	1	9	53756523	1	953	756 · 523	1953	75652	1953	75652
70	,, . . .	1	9	82071835	1	982	71 · 835	1982	07184	1982	07184
71	,, . . .	2	0	10387147	2	10	387 · 147	2010	38715	2010	38715
72	,, . . .	2	0	38702459	2	38	702 · 459	2038	70246	2038	70246
73	,, . . .	2	0	67017771	2	67	17 · 771	2067	01777	2067	01777
74	,, . . .	2	0	95333082	2	95	333 · 082	2095	33308	2095	33308
75	,, . . .	2	1	23648394	2	123	648 · 394	2123	64839	2123	64839
76	,, . . .	2	1	51963706	2	151	963 · 706	2151	96371	2151	96371
77	,, . . .	2	1	80279018	2	180	279 · 018	2180	27902	2180	27902
78	,, . . .	2	2	08594330	2	208	594 · 330	2208	59433	2208	59433
79	,, . . .	2	2	36909642	2	236	909 · 642	2236	90964	2236	90964
80	,, . . .	2	2	65224954	2	265	224 · 954	2265	22495	2265	22495
81	,, . . .	2	2	93540266	2	293	540 · 266	2293	54027	2293	54027
82	,, . . .	2	3	21855578	2	321	855 · 578	2321	85558	2321	85558
83	,, . . .	2	3	50170890	2	350	170 · 890	2350	17089	2350	17089
84	,, . . .	2	3	78486202	2	378	486 · 202	2378	48620	2378	48620
85	,, . . .	2	4	06801514	2	406	801 · 514	2406	80151	2406	80151
86	,, . . .	2	4	35116826	2	435	116 · 826	2435	11683	2435	11683
87	,, . . .	2	4	63432137	2	463	432 · 137	2463	43214	2463	43214
88	,, . . .	2	4	91747449	2	491	747 · 449	2491	74745	2491	74745
89	,, . . .	2	5	20062761	2	520	62 · 761	2520	06276	2520	06276
90	,, . . .	2	5	48378073	2	548	378 · 073	2548	37807	2548	37807
91	,, . . .	2	5	76693385	2	576	693 · 385	2576	69339	2576	69339
92	,, . . .	2	6	05008697	2	605	8 · 697	2605	00870	2605	00870
93	,, . . .	2	6	33324009	2	633	324 · 009	2633	32401	2633	32401
94	,, . . .	2	6	61639321	2	661	639 · 321	2661	63932	2661	63932
95	,, . . .	2	6	89954633	2	689	954 · 633	2689	95463	2689	95463
96	,, . . .	2	7	18269945	2	718	269 · 945	2718	26995	2718	26995
97	,, . . .	2	7	46585257	2	746	585 · 257	2746	58526	2746	58526
98	,, . . .	2	7	74900569	2	774	900 · 569	2774	90057	2774	90057
99	,, . . .	2	8	03215881	2	803	215 · 881	2803	21588	2803	21588
100	,, . . .	2	8	31531193	2	831	531 · 193	2831	53119	2831	53119
108	,, or 1 stack	3	0	58053688	3	58	53 · 688	3058	05369	3058	05369
128	,, or 1 cord	3	6	24359926	3	624	359 · 926	3624	35993	3624	35993

CUBIC OR SOLID MEASURES.

II.—Metric converted into British.

	Cubic Feet.	Cubic Inches. decimals.	OR THUS Cubic Feet. decimals.	OR THUS Cubic Yards. decimals.
1 cubic centimetre, ...	...	0 · 0610	0 · 000035	0 · 00000
2 „	...	0 · 1221	0 · 000071	0 · 00000
3 „	...	0 · 1831	0 · 000106	0 · 00000
4 „	...	0 · 2441	0 · 000141	0 · 00000
5 „	...	0 · 3051	0 · 000177	0 · 00000
6 „	...	0 · 3662	0 · 000212	0 · 00000
7 „	...	0 · 4272	0 · 000247	0 · 00000
8 „	...	0 · 4882	0 · 000283	0 · 00001
9 „	...	0 · 5492	0 · 000318	0 · 00001
10 „	...	0 · 6103	0 · 000353	0 · 00001
20 „	...	1 · 2205	0 · 000706	0 · 00002
30 „	...	1 · 8308	0 · 001059	0 · 00003
40 „	...	2 · 4411	0 · 001413	0 · 00005
50 „	...	3 · 0514	0 · 001766	0 · 00006
60 „	...	3 · 6616	0 · 002112	0 · 00007
70 „	...	4 · 2719	0 · 002472	0 · 00009
80 „	...	4 · 8822	0 · 002825	0 · 00010
90 „	...	5 · 4924	0 · 003178	0 · 00011
100 „	...	6 · 1027	0 · 003532	0 · 00013
200 „	...	12 · 2054	0 · 007063	0 · 00026
300 „	...	18 · 3081	0 · 010595	0 · 00039
400 „	...	24 · 4108	0 · 014127	0 · 00052
500 „	...	30 · 5135	0 · 017658	0 · 00065
600 „	...	36 · 6162	0 · 021190	0 · 00078
700 „	...	42 · 7189	0 · 024722	0 · 00091
800 „	...	48 · 8216	0 · 028253	0 · 00104
900 „	...	54 · 9243	0 · 031785	0 · 00117
1 cubic decimetre, ...	...	61 · 0271	0 · 035317	0 · 00130
2 „	...	122 · 0541	0 · 070633	0 · 00261
3 „	...	183 · 0812	0 · 105950	0 · 00392
4 „	...	244 · 1082	0 · 141266	0 · 00523
5 „	...	305 · 1353	0 · 176583	0 · 00654
6 „	...	366 · 1623	0 · 211899	0 · 00784
7 „	...	427 · 1894	0 · 247216	0 · 00915
8 „	...	488 · 2164	0 · 282533	0 · 01046
9 „	...	549 · 2435	0 · 317849	0 · 01177
10 „	...	610 · 2705	0 · 353166	0 · 01308
20 „	...	1220 · 5410	0 · 706332	0 · 02616
30 „	1	102 · 8115	1 · 059497	0 · 03924
40 „	1	713 · 0821	1 · 412663	0 · 05232
50 „	1	1323 · 3526	1 · 765829	0 · 06540
60 „	2	205 · 6231	2 · 118995	0 · 07848
70 „	2	815 · 8936	2 · 472161	0 · 09156
80 „	2	1426 · 1641	2 · 825326	0 · 10464
90 „	3	308 · 4346	3 · 178492	0 · 11772
100 „ or 1 decistere, .	3	918 · 7052	3 · 531658	0 · 13080
200 „ 2 „ .	7	109 · 4103	7 · 063316	0 · 26160
300 „ 3 „ .	10	1028 · 1155	10 · 594974	0 · 39240
400 „ 4 „ .	14	218 · 8206	14 · 126632	0 · 52320
500 „ 5 „ .	17	1137 · 5258	17 · 658290	0 · 65401

CUBIC OR SOLID MEASURES.

II.—Metric converted into British.

		Cubic Feet.	Cubic Inches.	decimals.	OR THUS Cubic Feet.	decimals.	OR THUS Cubic Yards.	decimals.
600	cubic decimetres, . . .	21	328	· 2309	21	· 1899	0	· 78481
700	,, ...	24	1246	· 9361	24	· 7216	0	· 91562
800	,, ...	28	437	· 6412	28	· 2533	1	· 04642
900	,, ...	31	1356	· 3464	31	· 7849	1	· 17722
1	cubic metre, ...	35	547	· 0515	35	· 3166	1	· 30802
2	,, ...	70	1094	· 1030	70	· 6332	2	· 61604
3	,, ...	105	1641	· 1546	105	· 9497	3	· 92406
4	,, ...	141	460	· 2061	141	· 2663	5	· 23209
5	,, ...	176	1007	· 2576	176	· 6829	6	· 54011
6	,, ...	211	1554	· 3091	211	· 8995	7	· 84813
7	,, ...	247	373	· 3606	247	· 2161	9	· 15615
8	,, ...	282	920	· 4122	282	· 5326	10	· 46417
9	,, ...	317	1467	· 4637	317	· 8492	11	· 77219
10	,, ...	353	286	· 5152	353	· 1658	13	· 08022
11	,, ...	388	833	· 5667	388	· 4824	14	· 38824
12	,, ...	423	1380	· 6182	423	· 7990	15	· 69626
13	,, ...	459	199	· 6698	459	· 1155	17	· 00428
14	,, ...	494	746	· 7213	494	· 4321	18	· 31230
15	,, ...	529	1293	· 7728	529	· 7487	19	· 62032
16	,, ...	565	112	· 8243	565	· 0653	20	· 92834
17	,, ...	600	659	· 8758	600	· 3819	22	· 23637
18	,, ...	635	1206	· 9273	635	· 6985	23	· 54439
19	,, ...	671	25	· 9789	671	· 0150	24	· 85241
20	,, ...	706	573	· 0304	706	· 3316	26	· 16043
21	,, ...	741	1120	· 0819	741	· 6482	27	· 46845
22	,, ...	776	1667	· 1334	776	· 9648	28	· 77647
23	,, ...	812	486	· 1849	812	· 2814	30	· 08449
24	,, ...	847	1033	· 2365	847	· 5979	31	· 39252
25	,, ...	882	1580	· 2880	882	· 9145	32	· 70054
26	,, ...	918	399	· 3395	918	· 2311	34	· 00856
27	,, ...	953	946	· 3910	953	· 5477	35	· 31658
28	,, ...	988	1493	· 4425	988	· 8643	36	· 62460
29	,, ...	1024	312	· 4941	1024	· 1808	37	· 93262
30	,, ...	1059	859	· 5456	1059	· 4974	39	· 24065
31	,, ...	1094	1406	· 5971	1094	· 8140	40	· 54867
32	,, ...	1130	225	· 6486	1130	· 1306	41	· 85669
33	,, ...	1165	772	· 7001	1165	· 4472	43	· 16471
34	,, ...	1200	1319	· 7517	1200	· 7637	44	· 47273
35	,, ...	1236	138	· 8032	1236	· 0803	45	· 78075
36	,, ...	1271	685	· 8547	1271	· 3969	47	· 08877
37	,, ...	1306	1232	· 9062	1306	· 7135	48	· 39679
38	,, ...	1342	51	· 9577	1342	· 0301	49	· 70482
39	,, ...	1377	599	· 0093	1377	· 3466	51	· 01284
40	,, ...	1412	1146	· 0608	1412	· 6632	52	· 32086
41	,, ...	1447	1693	· 1123	1447	· 9798	53	· 62888
42	,, ...	1483	512	· 1638	1483	· 2964	54	· 93690
43	,, ...	1518	1059	· 2153	1518	· 6130	56	· 24492
44	,, ...	1553	1606	· 2669	1553	· 9296	57	· 55295
45	,, ...	1589	425	· 3184	1589	· 2461	58	· 86097
46	,, ...	1624	972	· 3699	1624	· 5627	60	· 16899

CUBIC OR SOLID MEASURES.

II.—Metric converted into British.

	Cubic Feet.	Cubic Inches.	decimals.	OR THUS Cubic Feet.	decimals.	OR THUS Cubic Yards.	decimals.
47 cubic metres, .	1,659	1519	· 4214	1,659	· 8793	61	· 47701
48 „ . .	1,695	338	· 4729	1,695	· 1959	62	· 78503
49 „ . .	1,730	885	· 5245	1,730	· 5125	64	· 09305
50 „ . .	1,765	1432	· 5760	1,765	· 8290	65	· 40108
51 „ . .	1,801	251	· 6275	1,801	· 1456	66	· 70910
52 „ . .	1,836	798	· 6790	1,836	· 4622	68	· 01712
53 „ . .	1,871	1345	· 7305	1,871	· 7788	69	· 32514
54 „ . .	1,907	164	· 7820	1,907	· 0954	70	· 63316
55 „ . .	1,942	711	· 8336	1,942	· 4119	71	· 94118
56 „ . .	1,977	1258	· 8851	1,977	· 7285	73	· 24920
57 „ . .	2,013	77	· 9366	2,013	· 0451	74	· 55723
58 „ . .	2,048	624	· 9881	2,048	· 3617	75	· 86525
59 „ . .	2,083	1172	· 0396	2,083	· 6783	77	· 17327
60 „ . .	2,118	1719	· 0912	2,118	· 9948	78	· 48129
61 „ . .	2,154	538	· 1427	2,154	· 3114	79	· 78931
62 „ . .	2,189	1085	· 1942	2,189	· 6280	81	· 09733
63 „ . .	2,224	1632	· 2457	2,224	· 9446	82	· 40536
64 „ . .	2,260	451	· 2972	2,260	· 2612	83	· 71338
65 „ . .	2,295	998	· 3488	2.295	· 5777	85	· 02140
66 „ . .	2,330	1545	· 4003	2,330	· 8943	86	· 32942
67 „ . .	2,366	364	· 4518	2,366	· 2109	87	· 63744
68 „ . .	2,401	911	· 5033	2,401	· 5275	88	· 94546
69 „ . .	2,436	1458	· 5548	2,436	· 8441	90	· 25348
70 „ . .	2,472	277	· 6064	2,472	· 1606	91	· 56151
71 „ . .	2,507	824	· 6579	2,507	· 4772	92	· 86953
72 „ . .	2,542	1371	· 7094	2,542	· 7938	94	· 17755
73 „ . .	2,578	190	· 7609	2,578	· 1104	95	· 48557
74 „ . .	2,613	737	· 8124	2,613	· 4270	96	· 79359
75 „ . .	2,648	1284	· 8640	2,648	· 7436	98	· 10161
76 „ . .	2,684	103	· 9155	2,684	· 0601	99	· 40963
77 „ . .	2,719	650	· 9670	2,719	· 3767	100	· 71766
78 „ . .	2,754	1198	· 0185	2,754	· 6933	102	· 02568
79 „ . .	2,790	17	· 0700	2,790	· 0099	103	· 33370
80 „ . .	2,825	564	· 1216	2,825	· 3265	104	· 64172
90 „ . .	3,178	850	· 6367	3,178	· 4923	117	· 72194
100 „ . .	3,531	1137	· 1519	3,531	· 6581	130	· 80215
200 „ . .	7,063	546	· 3039	7,063	· 316	261	· 60430
300 „ . .	10,594	1683	· 4558	10,594	· 974	392	· 40645
400 „ . .	14,126	1092	· 6077	14,126	· 632	523	· 20860
500 „ . .	17,658	501	· 7597	17,658	· 290	654	· 01075
600 „ . .	21,189	1638	· 9116	21,189	· 948	784	· 81291
700 „ . .	24,721	1048	· 0636	24,721	· 607	915	· 61506
800 „ . .	28,253	457	· 2155	28,253	· 265	1046	· 41721
900 „ . .	31,784	1594	· 3674	31,784	· 923	1177	· 21936
1000 „ . .	35,316	1003	· 5194	35,316	· 581	1308	· 02151
2000 „ . .	70,633	279	· 0387	70,633	· 161	2616	· 04302
3000 „ . .	105,949	1282	· 5581	105,949	· 742	3924	· 06453
4000 „ . .	141,266	558	· 0775	141,266	· 323	5232	· 08604
5000 „ . .	176,582	1561	· 5968	176,582	· 904	6540	· 10754
6000 „ . .	211,899	837	· 1162	211,899	· 484	7848	· 12905

MEASURES OF CAPACITY.

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N. B.—The *Old* Measures of Capacity are still in use in the United States, and in some of our Colonies; especially the *Wine Gallon* and the *Winchester Bushel.*

MEASURES OF CAPACITY.

I.—Liquid Measure converted into Metric.

	Kilo-litres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres. dec.	EQUIVALENTS	
							Of which the Cubic Measurement is	Which, if filled with Pure Water, the Weight would be
							Cubic Decimetres. dec	Kilo-grams. dec.
¼ Pint,	...	...	...	...	1	4 · 1983	0 . 1420	0 . 1420
½ „	...	...	...	...	2	8 · 3967	0 . 2840	0 . 2840
¾ „	...	...	...	...	4	2 · 5950	0 . 4260	0 . 4260
1 „	...	...	...	...	5	6 · 7933	0 . 5679	0 . 5679
1 quart,	...	...	...	1	1	3 · 5867	1 . 1359	1 . 1359
2 „	...	...	...	2	2	7 · 1733	2 . 2717	2 . 2717
3 „	...	...	...	3	4	0 · 7600	3 . 4076	3 . 4076
1 gallon,	...	...	...	4	5	4 · 3467	4 . 5435	4 . 5435
2 „	...	...	...	9	0	8 · 6934	9 . 0869	9 . 0869
3 „	...	...	1	3	6	3 · 0400	13 . 6304	13 . 6304
4 „	...	...	1	8	1	7 · 3867	18 . 1739	18 . 1739
5 „	...	...	2	2	7	1 · 7334	22 . 7173	22 . 7173
6 „	...	...	2	7	2	6 · 0801	27 . 2608	27 . 2608
7 „	...	...	3	1	8	0 · 4267	31 . 8043	31 . 8043
8 „	...	...	3	6	3	4 · 7734	36 . 3477	36 . 3477
9 „	...	...	4	0	8	9 · 1201	40 . 8912	40 . 8912
10 „	...	...	4	5	4	3 · 4668	45 . 4347	45 . 4347
11 „	...	...	4	9	9	7 · 8135	49 . 9781	49 . 9781
12 „	...	...	5	4	5	2 · 1601	54 . 5216	54 . 5216
13 „	...	...	5	9	0	6 · 5068	59 . 0651	59 . 0651
14 „	...	...	6	3	6	0 · 8535	63 . 6085	63 . 6085
15 „	...	...	6	8	1	5 · 2002	68 . 1520	68 . 1520
16 „	...	...	7	2	6	9 · 5468	72 . 6955	72 . 6955
17 „	...	...	7	7	2	3 · 8935	77 . 2389	77 . 2389
18 „	...	...	8	1	7	8 · 2402	81 . 7824	81 . 7824
19 „	...	...	8	6	3	2 · 5869	86 . 3259	86 . 3259
20 „	...	...	9	0	8	6 · 9336	90 . 8693	90 . 8693
21 „	...	...	9	5	4	1 · 2802	95 . 4128	95 . 4128
22 „	...	...	9	9	9	5 · 6269	99 . 9563	99 . 9563
23 „	...	1	0	4	4	9 · 9736	104 . 4997	104 . 4997
24 „	...	1	0	9	0	4 · 3203	109 . 0432	109 . 0432
25 „	...	1	1	3	5	8 · 6669	113 . 5867	113 . 5867
26 „	...	1	1	8	1	3 · 0136	118 . 1301	118 . 1301
27 „	...	1	2	2	6	7 · 3603	122 . 6736	122 . 6736
28 „	...	1	2	7	2	1 · 7070	127 . 2171	127 . 2171
29 „	...	1	3	1	7	6 · 0537	131 . 7605	131 . 7605
30 „	...	1	3	6	3	0 · 4003	136 . 3040	136 . 3040
31 „	...	1	4	0	8	4 · 7470	140 . 8475	140 . 8475
32 „	...	1	4	5	3	9 . 0937	145 . 3909	145 . 3909
33 „	...	1	4	9	9	3 · 4404	149 . 9344	149 . 9344
34 „	...	1	5	4	4	7 · 7870	154 . 4779	154 . 4779
35 „	...	1	5	9	0	2 · 1337	159 . 0213	159 . 0213
36 „	...	1	6	3	5	6 · 4804	163 . 5648	163 . 5648
37 „	...	1	6	8	1	0 · 8271	168 . 1083	168 . 1083
38 „	...	1	7	2	6	5 · 1738	172 . 6517	172 . 6517
39 „	...	1	7	7	1	9 · 5204	177 . 1952	177 . 1952
40 „	...	1	8	1	7	3 · 8671	181 . 7387	181 . 7387
41 „	...	1	8	6	2	8 · 2138	186 . 2821	186 . 2821
42 „	...	1	9	0	8	2 · 5605	190 . 8256	190 . 8256
43 „	...	1	9	5	3	6 · 9071	195 . 3691	195 . 3691

MEASURES OF CAPACITY.

I.—Liquid Measure converted into Metric.

	Kilo-litres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres. dec.	EQUIVALENTS	
							Of which the Cubic Measurement is		Which if filled with Pure Water the Weight would be	
							Cubic Decimetres.	decimals.	Kilograms.	decimals.
44 gallons,	...	1	9	9	9	1 · 2538	199	9125	199	9125
45 ,,	...	2	0	4	4	5 · 6005	204	4560	204	4560
46 ,,	...	2	0	8	9	9 · 9472	208	9995	208	9995
47 ,,	...	2	1	3	5	4 · 2939	213	5429	213	5429
48 ,,	...	2	1	8	0	8 · 6405	218	0864	218	0864
49 ,,	...	2	2	2	6	2 · 9872	222	6299	222	6299
50 ,,	...	2	2	7	1	7 · 3339	227	1733	227	1733
51 ,,	...	2	3	1	7	1 · 6806	231	7168	231	7168
52 ,,	...	2	3	6	2	6 · 0272	236	2603	236	2603
53 ,,	...	2	4	0	8	0 · 3739	240	8037	240	8037
54 ,,	...	2	4	5	3	4 · 7206	245	3472	245	3472
55 ,,	...	2	4	9	8	9 · 0673	249	8907	249	8907
56 ,,	...	2	5	4	4	3 · 4140	254	4341	254	4341
57 ,,	...	2	5	8	9	7 · 7606	258	9776	258	9776
58 ,,	...	2	6	3	5	2 · 1073	263	5211	263	5211
59 ,,	...	2	6	8	0	6 · 4540	268	0645	268	0645
60 ,,	...	2	7	2	6	0 · 8007	272	6080	272	6080
61 ,,	...	2	7	7	1	5 · 1473	277	1515	277	1515
62 ,,	...	2	8	1	6	9 · 4940	281	6949	281	6949
63 ,,	...	2	8	6	2	3 · 8407	286	2384	286	2384
64 ,,	...	2	9	0	7	8 · 1874	290	7819	290	7819
65 ,,	...	2	9	5	3	2 · 5341	295	3253	295	3253
66 ,,	...	2	9	9	8	6 · 8807	299	8688	299	8688
67 ,,	...	3	0	4	4	1 · 2274	304	4123	304	4123
68 ,,	...	3	0	8	9	5 · 5741	308	9557	308	9557
69 ,,	...	3	1	3	4	9 · 9208	313	4992	313	4992
70 ,,	...	3	1	8	0	4 · 2674	318	0427	318	0427
71 ,,	...	3	2	2	5	8 · 6141	322	5861	322	5861
72 ,,	...	3	2	7	1	2 · 9608	327	1296	327	1296
73 ,,	...	3	3	1	6	7 · 3075	331	6731	331	6731
74 ,,	...	3	3	6	2	1 · 6542	336	2165	336	2165
75 ,,	...	3	4	0	7	6 · 0008	340	7600	340	7600
76 ,,	...	3	4	5	3	0 · 3475	345	3035	345	3035
77 ,,	...	3	4	9	8	4 · 6942	349	8469	349	8469
78 ,,	...	3	5	4	3	9 · 0409	354	3904	354	3904
79 ,,	...	3	5	8	9	3 · 3875	358	9339	358	9339
80 ,,	...	3	6	3	4	7 · 7342	363	4773	363	4773
81 ,,	...	3	6	8	0	2 · 0809	368	0208	368	0208
82 ,,	...	3	7	2	5	6 · 4276	372	5643	372	5643
83 ,,	...	3	7	7	1	0 · 7743	377	1077	377	1077
84 ,,	...	3	8	1	6	5 · 1209	381	6512	381	6512
85 ,,	...	3	8	6	1	9 · 4676	386	1947	386	1947
86 ,,	...	3	9	0	7	3 · 8143	390	7381	390	7381
87 ,,	...	3	9	5	2	8 · 1610	395	2816	395	2816
88 ,,	...	3	9	9	8	2 · 5076	399	8251	399	8251
89 ,,	...	4	0	4	3	6 · 8543	404	3685	404	3685
90 ,,	...	4	0	8	9	1 · 2010	408	9120	408	9120
91 ,,	...	4	1	3	4	5 · 5477	413	4555	413	4555
92 ,,	...	4	1	7	9	9 · 8944	417	9989	417	9989
93 ,,	...	4	2	2	5	4 · 2410	422	5424	422	5424

MEASURES OF CAPACITY.

I.—Liquid Measure converted into Metric.

	Kilo-litres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres. dec.	EQUIVALENTS		
							Of which the Cubic Measurement is		Which if filled with Pure Water the Weight would be
							Cubic Metres	Cubic Deci-metres. dec.	Kilograms. dec.
94 gallons, .	...	4	2	7	0	8 · 5877	...	427 · 09	427 · 09
95 „ . .	...	4	3	1	6	2 · 9344	...	431 · 63	431 · 63
96 „ . .	...	4	3	6	1	7 · 2811	...	436 · 17	436 · 17
97 „ . .	...	4	4	0	7	1 · 6278	...	440 · 72	440 · 72
98 „ . .	...	4	4	5	2	5 · 9744	...	445 · 26	445 · 26
99 „ . .	...	4	4	9	8	0 · 3211	...	449 · 80	449 · 80
100 „ . .	...	4	5	4	3	4 · 6678	...	454 · 35	454 · 35
200 „ . .	...	9	0	8	6	9 · 336	...	908 · 69	908 · 69
300 „ . .	1	3	6	3	0	4 · 003	1	363 · 04	1,363 · 04
400 „ . .	1	8	1	7	3	8 · 671	1	817 · 39	1,817 · 39
500 „ . .	2	2	7	1	7	3 · 339	2	271 · 73	2,271 · 73
600 „ . .	2	7	2	6	0	8 · 007	2	726 · 08	2,726 · 08
700 „ . .	3	1	8	0	4	2 · 674	3	180 · 43	3,180 · 43
800 „ . .	3	6	3	4	7	7 · 342	3	634 · 77	3,634 · 77
900 „ . .	4	0	8	9	1	2 · 010	4	089 · 12	4,089 · 12
1,000 „ . .	4	5	4	3	4	6 · 678	4	543 · 47	4,543 · 47
1,100 „ . .	4	9	9	7	8	1 · 346	4	997 · 81	4,997 · 81
1,200 „ . .	5	4	5	2	1	6 · 013	5	452 · 16	5,452 · 16
1,300 „ . .	5	9	0	6	5	0 · 681	5	906 · 51	5,906 · 51
1,400 „ . .	6	3	6	0	8	5 · 349	6	360 · 85	6,360 · 85
1,500 „ . .	6	8	1	5	2	0 · 017	6	815 · 20	6,815 · 20
1,600 „ . .	7	2	6	9	5	4 · 685	7	269 · 55	7,269 · 55
1,700 „ . .	7	7	2	3	8	9 · 352	7	723 · 89	7,723 · 89
1,800 „ . .	8	1	7	8	2	4 · 020	8	178 · 24	8,178 · 24
1,900 „ . .	8	6	3	2	5	8 · 688	8	632 · 59	8,632 · 59
2,000 „ . .	9	0	8	6	9	3 · 356	9	086 · 93	9,086 · 93
2,100 „ . .	9	5	4	1	2	8 · 023	9	541 · 28	9,541 · 28
2,200 „ . .	9	9	9	5	6	2 · 691	9	995 · 63	9,995 · 63
2,300 „ . .	10	4	4	9	9	7 · 359	10	449 · 97	10,449 · 97
2,400 „ . .	10	9	0	4	3	2 · 027	10	904 · 32	10,904 · 32
2,500 „ . .	11	3	5	8	6	6 · 695	11	358 · 67	11,358 · 67
2,600 „ . .	11	8	1	3	0	1 · 362	11	813 · 01	11,813 · 01
2,700 „ . .	12	2	6	7	3	6 · 030	12	267 · 36	12,267 · 36
2,800 „ . .	12	7	2	1	7	0 · 698	12	721 · 71	12,721 · 71
2,900 „ . .	13	1	7	6	0	5 · 366	13	176 · 05	13,176 · 05
3,000 „ . .	13	6	3	0	4	0 · 034	13	630 · 40	13,630 · 40
4,000 „ . .	18	1	7	3	8	6 · 711	18	173 · 87	18,173 · 87
5,000 „ . .	22	7	1	7	3	3 · 389	22	717 · 33	22,717 · 33
6,000 „ . .	27	2	6	0	8	0 · 067	27	260 · 80	27,260 · 80
7,000 „ . .	31	8	0	4	2	6 · 745	31	804 · 27	31,804 · 27
8,000 „ . .	36	3	4	7	7	3 · 423	36	347 · 73	36,347 · 73
9,000 „ . .	40	8	9	1	2	0 · 101	40	891 · 20	40,891 · 20
10,000 „ . .	45	4	3	4	6	6 · 778	45	434 · 67	45,434 · 67
20,000 „ . .	90	8	6	9	3	3 · 56	90	869 · 34	90,869 · 34
30,000 „ . .	136	3	0	4	0	0 · 34	136	304 · 00	136,304 · 00
40,000 „ . .	181	7	3	8	6	7 · 11	181	738 · 67	181,738 · 67
50,000 „ . .	227	1	7	3	3	3 · 89	227	173 · 34	227,173 · 34
60,000 „ . .	272	6	0	8	0	0 · 67	272	608 · 01	272,608 · 01
70,000 „ . .	318	0	4	2	6	7 · 45	318	042 · 67	318,042 · 67
80,000 „ . .	363	4	7	7	3	4 · 23	363	477 · 34	363,477 · 34

MEASURES OF CAPACITY

II.—Metric converted into (British) Liquid.

	Gallons.	Quarts.	Pints.	dec.	OR THUS Gallons.	dec.	OLD WINE MEASURE. Gallons.	dec.	OLD ALE & BEER MEASURE. Gallons.	dec.
1 Centilitre,	...	...	0	· 0176	0	· 002201	0	· 00264	0	· 0022
2 ,,	...	...	0	· 0352	0	· 004402	0	· 00528	0	· 0043
3 ,,	...	...	0	· 0528	0	· 006603	0	· 00793	0	· 0065
4 ,,	...	...	0	· 0704	0	· 008804	0	· 01057	0	· 0087
5 ,,	...	...	0	· 0880	0	· 011005	0	· 01321	0	· 0108
6 ,,	...	...	0	· 1056	0	· 013206	0	· 01585	0	· 0130
7 ,,	...	...	0	· 1233	0	· 015407	0	· 01849	0	· 0151
8 ,,	...	...	0	· 1409	0	· 017608	0	· 02113	0	· 0173
9 ,,	...	...	0	· 1585	0	· 019810	0	· 02378	0	· 0195
1 Decilitre,	...	...	0	· 1761	0	· 022010	0	· 02642	0	· 0216
2 ,,	...	...	0	· 3522	0	· 044019	0	· 05284	0	· 0433
3 ,,	...	...	0	· 5282	0	· 066029	0	· 07926	0	· 0649
4 ,,	...	...	0	· 7043	0	· 088039	0	· 10567	0	· 0866
5 ,,	...	...	0	· 8804	0	· 110048	0	· 13209	0	· 1082
6 ,,	...	...	1	· 0565	0	· 132058	0	· 15851	0	· 1298
7 ,,	...	...	1	· 2325	0	· 154067	0	· 18493	0	· 1515
8 ,,	...	...	1	· 4086	0	· 176077	0	· 21135	0	· 1731
9 ,,	...	...	1	· 5847	0	· 198097	0	· 23777	0	· 1948
1 Litre,	...	...	1	· 7608	0	· 220096	0	· 26419	0	· 2164
2 ,,	...	1	1	· 5215	0	· 440193	0	· 52837	0	· 4328
3 ,,	...	2	1	· 2823	0	· 660289	0	· 79256	0	· 6492
4 ,,	...	3	1	· 0431	0	· 880385	1	· 05674	0	· 8656
5 ,,	1	0	0	· 8039	1	· 100481	1	· 32093	1	· 0820
6 ,,	1	1	0	· 5646	1	· 320578	1	· 58512	1	· 2984
7 ,,	1	2	0	· 3254	1	· 540674	1	· 84930	1	· 5149
8 ,,	1	3	0	· 0862	1	· 760770	2	· 11349	1	· 7313
9 ,,	1	3	1	· 8469	1	· 980866	2	· 37767	1	· 9477
1 Dekalitre or 10 litres,	2	0	1	· 6077	2	· 200963	2	· 64186	2	· 1641
2 ,, 20 ,,	4	1	1	· 2154	4	· 401925	5	· 28372	4	· 3282
3 ,, 30 ,,	6	2	0	· 8231	6	· 602888	7	· 92558	6	· 4922
4 ,, 40 ,,	8	3	0	· 4308	8	· 803850	10	· 56744	8	· 6563
5 ,, 50 ,,	11	0	0	· 0385	11	· 004813	13	· 20930	10	· 8204
6 ,, 60 ,,	13	0	1	· 6462	13	· 205775	15	· 85116	12	· 9845
7 ,, 70 ,,	15	1	1	· 2539	15	· 406738	18	· 49302	15	· 1485
8 ,, 80 ,,	17	2	0	· 8616	17	· 607700	21	· 13487	17	· 3126
9 ,, 90 ,,	19	3	0	· 4693	19	· 808663	23	· 77673	19	· 4767
1 Hectolitre or 100 ,,	22	0	0	· 077	22	· 009625	26	· 41859	21	· 6408
2 ,, 200 ,,	44	0	0	· 154	44	· 01925	52	· 83719	43	· 2815
3 ,, 300 ,,	66	0	0	· 231	66	· 02888	79	· 25578	64	· 9223
4 ,, 400 ,,	88	0	0	· 308	88	· 03850	105	· 67437	86	· 5631
5 ,, 500 ,,	110	0	0	· 385	110	· 04813	132	· 09297	108	· 2038
6 ,, 600 ,,	132	0	0	· 462	132	· 05775	158	· 51156	129	· 8446
7 ,, 700 ,,	154	0	0	· 539	154	· 06738	184	· 93015	151	· 4854
8 ,, 800 ,,	176	0	0	· 616	176	· 07700	211	· 34874	173	· 1261
9 ,, 900 ,,	198	0	0	· 693	198	· 08663	237	· 76734	194	· 7669
1 Kilolitre or 1000 ,,	220	0	0	· 77	220	· 09625	264	· 1859	216	· 408
2 ,, 2000 ,,	440	0	1	· 54	440	· 19250	528	· 3719	432	· 815
3 ,, 3000 ,,	660	1	0	· 31	660	· 28875	792	· 5578	649	· 223
4 ,, 4000 ,,	880	1	1	· 08	880	· 38500	1056	· 7437	865	. 631
5 ,, 5000 ,,	1100	1	1	· 85	1100	· 48125	1320	· 9297	1082	· 038

MEASURES OF CAPACITY.

II.—Metric converted into (British) Liquid.

		Gallons.	Quarts.	Pints. dec.	OR THUS Gallons. dec.	OLD WINE MEASURE. Gallons. dec.	OLD ALE & BEER MEASURE. Gallons. dec.
6	Kilolitres, or 6,000 litres,	1,320	2	0 · 62	1,320 · 57750	1,585 · 1156	1,298 · 446
7	,, 7,000 ,,	1,540	2	1 · 39	1,540 · 67375	1,849 · 3015	1,514 · 854
8	,, 8,000 ,,	1,760	3	0 · 16	1,760 · 77000	2,113 · 4874	1,731 · 261
9	,, 9,000 ,,	1,980	3	0 · 93	1,980 · 86625	2,377 · 6734	1,947 · 669
10	,, 10,000 ,,	2,200	3	1 · 70	2,200 · 96250	2,641 · 8593	2,164 · 077
11	,, 11,000 ,,	2,421	0	0 · 47	2,421 · 05875	2,906 · 0452	2,380 · 484
12	,, 12,000 ,,	2,641	0	1 · 24	2,641 · 15500	3,170 · 2312	2,596 · 892
13	,, 13,000 ,,	2,861	1	0 · 01	2,861 · 25125	3,434 · 4171	2,813 · 300
14	,, 14,000 ,,	3,081	1	0 · 78	3,081 · 34750	3,698 · 6030	3,029 · 708
15	,, 15,000 ,,	3,301	1	1 · 55	3,301 · 44375	3,962 · 7890	3,246 · 115
16	,, 16,000 ,,	3,521	2	0 · 32	3,521 · 54000	4,226 · 9749	3,462 · 523
17	,, 17,000 ,,	3,741	2	1 · 09	3,741 · 63625	4,491 · 1608	3,678 · 931
18	,, 18,000 ,,	3,961	2	1 · 86	3,961 · 73250	4,755 · 3468	3,895 · 338
19	,, 19,000 ,,	4,181	3	0 · 63	4,181 · 82875	5,019 · 5327	4,111 · 746
20	,, 20,000 ,,	4,401	3	1 · 40	4,401 · 92500	5,283 · 7186	4,328 · 154
21	,, 21,000 ,,	4,622	0	0 · 17	4,622 · 02125	5,547 · 9045	4,544 · 561
22	,, 22,000 ,,	4,842	0	0 · 94	4,842 · 11750	5,812 · 0905	4,760 · 969
23	,, 23,000 ,,	5,062	0	1 · 71	5,062 · 21375	6,076 · 2764	4,977 · 377
24	,, 24,000 ,,	5,282	1	0 · 48	5,282 · 31000	6,340 · 4623	5,193 · 784
25	,, 25,000 ,,	5,502	1	1 · 25	5,502 · 40625	6,604 · 6483	5,410 · 192
26	,, 26,000 ,,	5,722	2	0 · 02	5,722 · 50250	6,868 · 8342	5,626 · 600
27	,, 27,000 ,,	5,942	2	0 · 79	5,942 · 59875	7,133 · 0201	5,843 · 007
28	,, 28,000 ,,	6,162	2	1 · 56	6,162 · 69500	7,397 · 2061	6,059 · 415
29	,, 29,000 ,,	6,382	3	0 · 33	6,382 · 79125	7,661 · 3920	6,275 · 823
30	,, 30,000 ,,	6,602	3	1 · 10	6,602 · 88750	7,925 · 5779	6,492 · 230
31	,, 31,000 ,,	6,822	3	1 · 87	6,822 · 98375	8,189 · 7639	6,708 · 638
32	,, 32,000 ,,	7,043	0	0 · 64	7,043 · 08000	8,453 · 9498	6,925 · 046
33	,, 33,000 ,,	7,263	0	1 · 41	7,263 · 17625	8,718 · 1357	7,141 · 453
34	,, 34,000 ,,	7,483	1	0 · 18	7,483 · 27250	8,982 · 3216	7,357 · 861
35	,, 35,000 ,,	7,703	1	0 · 95	7,703 · 36875	9,246 · 5076	7,574 · 269
36	,, 36,000 ,,	7,923	1	1 · 72	7,923 · 46500	9,510 · 6935	7,790 · 676
37	,, 37,000 ,,	8,143	2	0 · 49	8,143 · 56125	9,774 · 8794	8,007 · 084
38	,, 38,000 ,,	8,363	2	1 · 26	8,363 · 65750	10,039 · 0654	8,223 · 492
39	,, 39,000 ,,	8,583	3	0 · 03	8,583 · 75375	10,303 · 2513	8,439 · 899
40	,, 40,000 ,,	8,803	3	0 · 80	8,803 · 85000	10,567 · 4372	8,656 · 307
41	,, 41,000 ,,	9,023	3	1 · 57	9,023 · 94625	10,831 · 6232	8,872 · 715
42	,, 42,000 ,,	9,244	0	0 · 34	9,244 · 04250	11,095 · 8091	9,089 · 123
43	,, 43,000 ,,	9,464	0	1 · 11	9,464 · 13875	11,359 · 9950	9,305 · 530
44	,, 44,000 ,,	9,684	0	1 · 88	9,684 · 23500	11,624 · 1810	9,521 · 938
45	,, 45,000 ,,	9,904	1	0 · 65	9,904 · 33125	11,888 · 3669	9,738 · 346
46	,, 46,000 ,,	10,124	1	1 · 42	10,124 · 42750	12,152 · 5528	9,954 · 753
47	,, 47,000 ,,	10,344	2	0 · 19	10,344 · 52375	12,416 · 7387	10,171 · 161
48	,, 48,000 ,,	10,564	2	0 · 96	10,564 · 62000	12,680 · 9247	10,387 · 569
49	,, 49,000 ,,	10,784	2	1 · 73	10,784 · 71625	12,945 · 1106	10,603 · 976
50	,, 50,000 ,,	11,004	3	0 · 50	11,004 · 81250	13,209 · 2965	10,820 · 384
51	,, 51,000 ,,	11,224	3	1 · 27	11,224 · 90875	13,473 · 4825	11,036 · 792
52	,, 52,000 ,,	11,445	0	0 · 04	11,445 · 00500	13,737 · 6684	11,253 · 199
53	,, 53,000 ,,	11,665	0	0 · 81	11,665 · 10125	14,001 · 8543	11,469 · 607
54	,, 54,000 ,,	11,885	0	1 · 58	11,885 · 19750	14,266 · 0403	11,686 · 015
55	,, 55,000 ,,	12,105	1	0 · 35	12,105 · 29375	14,530 · 2262	11,902 · 422

MEASURES OF CAPACITY.

II.—Metric converted into (British) Liquid.

			Gallons.	Quarts.	Pints. dec.	OR THUS Gallons. dec.	OLD WINE MEASURE. Gallons. dec.	OLD ALE & BEER MEASURE. Gallons. dec.
56	Kilolitres, or	56,000 litres,	12,325	1	1 · 12	12,325 · 39000	14,794 · 4121	12,118 · 830
57	,,	57,000 ,,	12,545	1	1 · 89	12,545 · 48625	15,058 · 5981	12,335 · 238
58	,,	58,000 ,,	12,765	2	0 · 66	12,765 · 58250	15,322 · 7840	12,551 · 645
59	,,	59,000 ,,	12,985	2	1 · 43	12,985 · 67875	15,586 · 9699	12,768 · 053
60	,,	60,000 ,,	13,205	3	0 · 20	13,205 · 77500	15,851 · 1558	12,984 · 461
61	,,	61,000 ,,	13,425	3	0 · 97	13,425 · 87125	16,115 · 3418	13,200 · 868
62	,,	62,000 ,,	13,645	3	1 · 74	13,645 · 96750	16,379 · 5277	13,417 · 276
63	,,	63,000 ,,	13,866	0	0 · 51	13,866 · 06375	16,643 · 7136	13,633 · 684
64	,,	64,000 ,,	14,086	0	1 · 28	14,086 · 16000	16,907 · 8996	13,850 · 091
65	,,	65,000 ,,	14,306	1	0 · 05	14,306 · 25625	17,172 · 0855	14,066 · 499
66	,,	66,000 ,,	14,526	1	0 · 82	14,526 · 35250	17,436 · 2714	14,282 · 907
67	,,	67,000 ,,	14,746	1	1 · 59	14,746 · 44875	17,700 · 4574	14,499 · 314
68	,,	68,000 ,,	14,966	2	0 · 36	14,966 · 54500	17,964 · 6433	14,715 · 722
69	,,	69,000 ,,	15,186	2	1 · 13	15,186 · 64125	18,228 · 8292	14,932 · 130
70	,,	70,000 ,,	15,406	2	1 · 90	15,406 · 73750	18,493 · 0152	15,148 · 538
71	,,	71,000 ,,	15,626	3	0 · 67	15,626 · 83375	18,757 · 2011	15,364 · 945
72	,,	72,000 ,,	15,846	3	1 · 44	15,846 · 93000	19,021 · 3871	15,581 · 353
73	,,	73,000 ,,	16,067	0	0 · 21	16,067 · 02625	19,285 · 5729	15,797 · 761
74	,,	74,000 ,,	16,287	0	0 · 98	16,287 · 12250	19,549 · 7589	16,014 · 168
75	,,	75,000 ,,	16,507	0	1 · 75	16,507 · 21875	19,813 · 9448	16,230 · 576
76	,,	76,000 ,,	16,727	1	0 · 52	16,727 · 31500	20,078 · 1307	16,446 · 984
77	,,	77,000 ,,	16,947	1	1 · 29	16,947 · 41125	20,342 · 3167	16,663 · 391
78	,,	78,000 ,,	17,167	2	0 · 06	17,167 · 50750	20,606 · 5026	16,879 · 799
79	,,	79,000 ,,	17,387	2	0 · 83	17,387 · 60375	20,870 · 6885	17,096 · 206
80	,,	80,000 ,,	17,607	2	1 · 60	17,607 · 70000	21,134 · 8745	17,312 · 614
81	,,	81,000 ,,	17,827	3	0 · 37	17,827 · 79625	21,399 · 0604	17,529 · 022
82	,,	82,000 ,,	18,047	3	1 · 14	18,047 · 89250	21,663 · 2463	17,745 · 430
83	,,	83,000 ,,	18,267	3	1 · 91	18,267 · 98875	21,927 · 4323	17,961 · 837
84	,,	84,000 ,,	18,488	0	0 · 68	18,488 · 08500	22,191 · 6182	18,178 · 245
85	,,	85,000 ,,	18,708	0	1 · 45	18,708 · 18125	22,455 · 8041	18,394 · 653
86	,,	86,000 ,,	18,928	1	0 · 22	18,928 · 27750	22,719 · 9900	18,611 · 060
87	,,	87,000 ,,	19,148	1	0 · 99	19,148 · 37375	22,984 · 1750	18,827 · 468
88	,,	88,000 ,,	19,368	1	1 · 76	19,368 · 47000	23,248 · 3619	19,043 · 876
89	,,	89,000 ,,	19,588	2	0 · 53	19,588 · 56625	23,512 · 5478	19,260 · 283
90	,,	90,000 ,,	19,808	2	1 · 30	19,808 · 66250	23,776 · 7338	19,476 · 691
91	,,	91,000 ,,	20,028	3	0 · 07	20,028 · 75875	24,040 · 9197	19,693 · 099
92	,,	92,000 ,,	20,248	3	0 · 84	20,248 · 85500	24,305 · 1056	19,909 · 506
93	,,	93,000 ,,	20,468	3	1 · 61	20,468 · 95125	24,569 · 2916	20,125 · 914
94	,,	94,000 ,,	20,689	0	0 · 38	20,689 · 04750	24,833 · 4775	20,342 · 322
95	,,	95,000 ,,	20,909	0	1 · 15	20,909 · 14375	25,097 · 6634	20,558 · 730
96	,,	96,000 ,,	21,129	0	1 · 92	21,129 · 24000	25,361 · 8494	20,775 · 137
97	,,	97,000 ,,	21,349	1	0 · 69	21,349 · 33625	25,626 · 0353	20,991 · 545
98	,,	98,000 ,,	21,569	1	1 · 46	21,569 · 43250	25,890 · 2212	21,207 · 953
99	,,	99,000 ,,	21,789	2	0 · 23	21,789 · 52875	26,154 · 4071	21,424 · 360
100	,,	100,000 ,,	22,009	2	1 · 00	22,009 · 625	26,418 · 593	21,640 · 768
200	,,	200,000 ,,	44,019	1	0	44,019 · 250	52,837 · 186	43,281 · 536
300	,,	300,000 ,,	66,028	3	1	66,028 · 875	79,255 · 779	64,922 · 304
400	,,	400,000 ,,	88,038	2	0	88,038 · 500	105,674 · 372	86,563 · 072
500	,,	500,000 ,,	110,048	0	1	110,048 · 125	132,092 · 965	108,203 · 839
600	,,	600,000 ,,	132,057	3	0	132,057 · 750	158,511 · 588	129,844 · 607

MEASURES OF CAPACITY.

III.—Dry Measure converted into Metric.

	Kilo-litres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres. dec.	EQUIVALENTS: Of which the Cubic Measurement is — Cubic Metres	Cubic Decimetres. dec.	Which if filled with Pure Water the Weight would be — Kilo-grams.	dec.
1 pint,	...	...	...	...	5	6 · 7933	...	0 · 568	0	· 568
1 quart,	...	...	...	1	1	3 · 5867	...	1 · 136	1	· 136
2 ,,	...	...	...	2	2	7 · 1733	...	2 · 272	2	· 272
3 ,,	...	...	...	3	4	0 · 7600	...	3 · 408	3	· 408
1 gallon,	...	...	...	4	5	4 · 3467	...	4 · 543	4	· 543
1 peck,	...	...	...	9	0	8 · 6934	...	9 · 087	9	· 087
2 ,,	...	...	1	8	1	7 · 3867	...	18 · 174	18	· 174
3 ,,	...	...	2	7	2	6 · 0801	...	27 · 261	27	· 261
1 bushel,	...	...	3	6	3	4 · 7734	...	36 · 348	36	· 348
2 ,,	...	...	7	2	6	9 · 5468	...	72 · 695	72	· 695
3 ,,	...	1	0	9	0	4 · 3203	...	109 · 043	109	· 043
4 ,,	...	1	4	5	3	9 · 0937	..	145 · 391	145	· 391
5 ,,	...	1	8	1	7	3 · 8671	...	181 · 739	181	· 739
6 ,,	...	2	1	8	0	8 · 6405	..	218 · 086	218	· 086
7 ,,	...	2	5	4	4	3 · 4140	...	254 · 434	254	· 434
1 quarter,	...	2	9	0	7	8 · 1874	...	290 · 782	290	· 782
2 ,,	...	5	8	1	5	6 · 3748	...	581 · 564	581	· 564
3 ,,	...	8	7	2	3	4 · 5621	...	872 · 346	872	· 346
4 ,,	1	1	6	3	1	2 · 7495	1	163 · 127	1,163	· 127
5 ,,	1	4	5	3	9	0 · 9369	1	453 · 909	1,453	· 909
6 ,,	1	7	4	4	6	9 · 1243	1	744 · 691	1,744	· 691
7 ,,	2	0	3	5	4	7 · 3117	2	035 · 473	2,035	· 473
8 ,,	2	3	2	6	2	5 · 4991	2	326 · 255	2,326	· 255
9 ,,	2	6	1	7	0	3 · 6864	2	617 · 037	2,617	· 037
10 ,,	2	9	0	7	8	1 · 8738	2	907 · 819	2,907	· 819
11 ,,	3	1	9	8	6	0 · 0612	3	198 · 601	3,198	· 601
12 ,,	3	4	8	9	3	8 · 2486	3	489 · 382	3,489	· 382
13 ,,	3	7	8	0	1	6 · 4360	3	780 · 164	3,780	· 164
14 ,,	4	0	7	0	9	4 · 6233	4	070 · 946	4,070	· 946
15 ,,	4	3	6	1	7	2 · 8107	4	361 · 728	4,361	· 728
16 ,,	4	6	5	2	5	0 · 9981	4	652 · 510	4,652	· 510
17 ,,	4	9	4	3	2	9 · 1855	4	943 · 292	4,943	· 292
18 ,,	5	2	3	4	0	7 · 3729	5	234 · 074	5,234	· 074
19 ,,	5	5	2	4	8	5 · 5603	5	524 · 856	5,524	· 856
20 ,,	5	8	1	5	6	3 · 7476	5	815 · 637	5,815	· 637
21 ,,	6	1	0	6	4	1 · 9350	6	106 · 419	6,106	· 419
22 ,,	6	3	9	7	2	0 · 1224	6	397 · 201	6,397	· 201
23 ,,	6	6	8	7	9	8 · 3098	6	687 · 983	6,687	· 983
24 ,,	6	9	7	8	7	6 · 4972	6	978 · 765	6,978	· 765
25 ,,	7	2	6	9	5	4 · 6845	7	269 · 547	7,269	· 547
26 ,,	7	5	6	0	3	2 · 8719	7	560 · 329	7,560	· 329
27 ,,	7	8	5	1	1	1 · 0593	7	851 · 111	7,851	· 111
28 ,,	8	1	4	1	8	9 · 2467	8	141 · 892	8,141	· 892
29 ,,	8	4	3	2	6	7 · 4341	8	432 · 674	8,432	· 674
30 ,,	8	7	2	3	4	5 · 6215	8	723 · 456	8,723	· 456
31 ,,	9	0	1	4	2	3 · 8088	9	014 · 238	9,014	· 238
32 ,,	9	3	0	5	0	1 · 9962	9	305 · 020	9,305	· 020
33 ,,	9	5	9	5	8	0 · 1836	9	595 · 802	9,595	· 802
34 ,,	9	8	8	6	5	8 · 3710	9	886 · 584	9,886	· 584
35 ,,	10	1	7	7	3	6 · 5584	10	177 · 366	10,177	· 366

MEASURES OF CAPACITY.

III.—Dry Measure converted into Metric.

	Kilo-litres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres.	decimals.	EQUIVALENTS: Of which the Cubic Measurement is — Cubic Metres.	Cubic Deci-metres.	dec.	Which if filled with Pure Water the Weight would be — Kilograms.	dec.
36 quarters, . .	10	4	6	8	1	4	· 7457	10	468	. 15	10,468	. 15
37 „ . .	10	7	5	8	9	2	· 9331	10	758	. 93	10,758	. 93
38 „ . .	11	0	4	9	7	1	· 1205	11	049	. 71	11,049	. 71
39 „ . .	11	3	4	0	4	9	· 3079	11	340	. 49	11,340	. 49
40 „ . .	11	6	3	1	2	7	· 4953	11	631	. 27	11,631	. 27
41 „ . .	11	9	2	2	0	5	· 6827	11	922	. 06	11,922	. 06
42 „ . .	12	2	1	2	8	3	· 8700	12	212	. 84	12,212	. 84
43 „ . .	12	5	0	3	6	2	· 0574	12	503	. 62	12,503	. 62
44 „ . .	12	7	9	4	4	0	· 2448	12	794	. 40	12,794	. 40
45 „ . .	13	0	8	5	1	8	· 4322	13	085	. 18	13,085	. 18
46 „ . .	13	3	7	5	9	6	· 6196	13	375	. 97	13,375	. 97
47 „ . .	13	6	6	6	7	4	· 8069	13	666	. 75	13,666	. 75
48 „ . .	13	9	5	7	5	2	· 9943	13	957	. 53	13,957	. 53
49 „ . .	14	2	4	8	3	1	· 1817	14	248	. 31	14,248	. 31
50 „ . .	14	5	3	9	0	9	· 3691	14	539	. 09	14,539	. 09
51 „ . .	14	8	2	9	8	7	· 5565	14	829	. 88	14,829	. 88
52 „ . .	15	1	2	0	6	5	· 7439	15	120	. 66	15,120	. 66
53 „ . .	15	4	1	1	4	3	· 9312	15	411	. 44	15,411	. 44
54 „ . .	15	7	0	2	2	2	· 1186	15	702	. 22	15,702	. 22
55 „ . .	15	9	9	3	0	0	· 3060	15	993	. 00	15,993	. 00
56 „ . .	16	2	8	3	7	8	· 4934	16	283	. 78	16,283	. 78
57 „ . .	16	5	7	4	5	6	· 6808	16	574	. 57	16,574	. 57
58 „ . .	16	8	6	5	3	4	· 8681	16	865	. 35	16,865	. 35
59 „ . .	17	1	5	6	1	3	· 0555	17	156	. 13	17,156	. 13
60 „ . .	17	4	4	6	9	1	· 2429	17	446	. 91	17,446	. 91
61 „ . .	17	7	3	7	6	9	· 4303	17	737	. 69	17,737	. 69
62 „ . .	18	0	2	8	4	7	· 6177	18	028	. 48	18,028	. 48
63 „ . .	18	3	1	9	2	5	· 8051	18	319	. 26	18,319	. 26
64 „ . .	18	6	1	0	0	3	· 9924	18	610	. 04	18,610	. 04
65 „ . .	18	9	0	0	8	2	· 1798	18	900	. 82	18,900	. 82
66 „ . .	19	1	9	1	6	0	· 3672	19	191	. 60	19,191	. 60
67 „ . .	19	4	8	2	3	8	· 5546	19	482	. 39	19,482	. 39
68 „ . .	19	7	7	3	1	6	· 7420	19	773	. 17	19,773	. 17
69 „ . .	20	0	6	3	9	4	· 9293	20	063	. 95	20,063	. 95
70 „ . .	20	3	5	4	7	3	· 1167	20	354	. 73	20,354	. 73
71 „ . .	20	6	4	5	5	1	· 3041	20	645	. 51	20,645	. 51
72 „ . .	20	9	3	6	2	9	· 4915	20	936	. 29	20,936	. 29
73 „ . .	21	2	2	7	0	7	· 6789	21	227	. 08	21,227	. 08
74 „ . .	21	5	1	7	8	5	· 8663	21	517	. 86	21,517	. 86
75 „ . .	21	8	0	8	6	4	· 0536	21	808	. 64	21,808	. 64
76 „ . .	22	0	9	9	4	2	· 2410	22	099	. 42	22,099	. 42
77 „ . .	22	3	9	0	2	0	· 4284	22	390	. 20	22,390	. 20
78 „ . .	22	6	8	0	9	8	· 6158	22	680	. 99	22,680	. 99
79 „ . .	22	9	7	1	7	6	· 8032	22	971	. 77	22,971	. 77
80 „ . .	23	2	6	2	5	4	· 9905	23	262	. 55	23,262	. 55
81 „ . .	23	5	5	3	3	3	· 1779	23	553	. 33	23,553	. 33
82 „ . .	23	8	4	4	1	1	· 3653	23	844	. 11	23,844	. 11
83 „ . .	24	1	3	4	8	9	· 5527	24	134	. 90	24,134	. 90
84 „ . .	24	4	2	5	6	7	· 7401	24	425	. 68	24,425	. 68
85 „ . .	24	7	1	6	4	5	· 9274	24	716	. 46	24,716	. 46

MEASURES OF CAPACITY.

III.—Dry Measure converted into Metric.

	Kilolitres.	Hecto-litres.	Deka-litres.	Litres.	Deci-litres.	Centi-litres. dec.	EQUIVALENTS: Of which the Cubic Measurement is — Cubic Metres.	Cubic Deci- dec. metres.	Which if filled with Pure Water the Weight would be — Kilograms. dec.
86 quarters, ...	25	0	0	7	2	4 · 1148	25	007 . 2	25,007 . 24
87 ,, ...	25	2	9	8	0	2 · 3022	25	298 . 0	25,298 . 02
88 ,, ...	25	5	8	8	8	0 · 4896	25	588 . 8	25,588 . 80
89 ,, ...	25	8	7	9	5	8 · 6770	25	879 . 6	25,879 . 59
90 ,, ...	26	1	7	0	3	6 · 8644	26	170 . 4	26,170 . 37
91 ,, ...	26	4	6	1	1	5 · 0517	26	461 . 2	26,461 . 15
92 ,, ...	26	7	5	1	9	3 · 2391	26	751 . 9	26,751 . 93
93 ,, ...	27	0	4	2	7	1 · 4265	27	042 . 7	27,042 . 71
94 ,, ...	27	3	3	3	4	9 · 6139	27	333 . 5	27,333 . 50
95 ,, ...	27	6	2	4	2	7 · 8013	27	624 . 3	27,624 . 28
96 ,, ...	27	9	1	5	0	5 · 9886	27	915 . 1	27,915 . 06
97 ,, ...	28	2	0	5	8	4 · 1760	28	205 . 8	28,205 . 84
98 ,, ...	28	4	9	6	6	2 · 3634	28	496 . 6	28,496 . 62
99 ,, ...	28	7	8	7	4	0 · 5508	28	787 . 4	28,787 . 41
100 ,, or 6,400 gals.,	29	0	7	8	1	8 · 7382	29	078 . 2	29,078 . 19
200 ,, ...	58	1	5	6	3	7 · 476	58	156 . 4	58,156 . 37
300 ,, ...	87	2	3	4	5	6 · 215	87	234 . 6	87,234 . 56
400 ,, ...	116	3	1	2	7	4 · 953	116	312 . 7	116,312 . 75
500 ,, ...	145	3	9	0	9	3 · 691	145	390 . 9	145,390 . 94
600 ,, ...	174	4	6	9	1	2 · 429	174	469 . 1	174,469 . 12
700 ,, ...	203	5	4	7	3	1 · 167	203	547 . 3	203,547 . 31
800 ,, ...	232	6	2	5	4	9 · 905	232	625 . 5	232,625 . 50
900 ,, ...	261	7	0	3	6	8 · 644	261	703 . 7	261,703 . 69
1,000 ,, or 64,000 gals.,	290	7	8	1	8	7 · 382	290	781 . 9	290,781 . 87
1,100 ,, ...	319	8	6	0	0	6 · 120	319	860 . 1	319,860 . 06
1,200 ,, ...	348	9	3	8	2	4 · 858	348	938 . 2	348,938 . 25
1,300 ,, ...	378	0	1	6	4	3 · 596	378	016 . 4	378,016 . 44
1,400 ,, ...	407	0	9	4	6	2 · 334	407	094 . 6	407,094 . 62
1,500 ,, ...	436	1	7	2	8	1 · 073	436	172 . 8	436,172 . 81
1,600 ,, ...	465	2	5	0	9	9 · 811	465	251 . 0	465,251 . 00
1,700 ,, ...	494	3	2	9	1	8 · 549	494	329 . 2	494,329 . 19
1,800 ,, ...	523	4	0	7	3	7 · 287	523	407 . 4	523,407 . 37
1,900 ,, ...	552	4	8	5	5	6 · 025	552	485 . 6	552,485 . 56
2,000 ,, ...	581	5	6	3	7	4 · 764	581	563 . 7	581,563 . 75
3,000 ,, ...	872	3	4	5	6	2 · 145	872	345 . 6	872,345 . 62
4,000 ,, ...	1,163	1	2	7	4	9 · 527	1,163	127 . 5	1,163,127 . 50
5,000 ,, ...	1,453	9	0	9	3	6 · 909	1,453	909 . 4	1,453,909 . 37
6,000 ,, ...	1,744	6	9	1	2	4 · 291	1,744	691 . 2	1,744,691 . 24
7,000 ,, ...	2,035	4	7	3	1	1 · 672	2,035	473 . 1	2,035,473 . 12
8,000 ,, ...	2,326	2	5	4	9	9 · 054	2,326	255 . 0	2,326,254 . 99
9,000 ,, ...	2,617	0	3	6	8	6 · 436	2,617	036 . 9	2,617,036 . 86
10,000 ,, or 640,000 gals.,	2,907	8	1	8	7	3 · 82	2,907	818 . 7	2,907,818 . 74
20,000 ,, ...	5,815	6	3	7	4	7 · 64	5,815	637 . 5	5,815,637 . 48
30,000 ,, ...	8,723	4	5	6	2	1 · 45	8,723	456 . 2	8,723,456 . 21
40,000 ,, ...	11,631	2	7	4	9	5 · 27	11,631	275 . 0	11,631,274 . 95
50,000 ,, ...	14,539	0	9	3	6	9 · 09	14,539	093 . 7	14,539,093 . 69
60,000 ,, ...	17,446	9	1	2	4	2 · 91	17,446	912 . 4	17,446,912 . 43
70,000 ,, ...	20,354	7	3	1	1	6 · 72	20,354	731 . 2	20,354,731 . 17
80,000 ,, ...	23,262	5	4	9	9	0 · 54	23,262	549 . 9	23,262,549 . 91
90,000 ,, ...	26,170	3	6	8	6	4 · 36	26,170	368 . 6	26,170,368 . 64

MEASURES OF CAPACITY.

IV.—Metric converted into Dry Measure.

		Qrtrs.	Bush.	Pecks.	Galls.	Quarts.	Pints. dec.	OR THUS Qrarters. dec.	OR THUS Bushels. dec.	OLD DRY MEASURE. Winchester Bushels. dec.
1	Centilitre,	...	...	...	...	...	0 · 0176	0 · 00003	0 · 00028	0 · 00028
2	,,	...	...	...	...	...	0 · 0352	0 · 00007	0 · 00055	0 00057
3	,,	...	...	...	...	...	0 · 0528	0 · 00010	0 · 00083	0 · 00085
4	,,	...	...	...	...	...	0 · 0704	0 · 00014	0 · 00110	0 · 00114
5	,,	...	...	...	...	...	0 · 0880	0 · 00017	0 · 00138	0 · 00142
6	,,	...	...	...	...	...	0 · 1056	0 · 00021	0 · 00165	0 · 00170
7	,,	...	...	...	...	...	0 · 1233	0 · 00024	0 · 00193	0 · 00199
8	,,	...	...	...	...	...	0 · 1409	0 · 00028	0 · 00220	0 · 00227
9	,,	...	...	...	...	...	0 · 1585	0 · 00031	0 · 00248	0 · 00255
1	Decilitre,	...	...	...	...	...	0 · 1761	0 · 00034	0 · 00275	0 · 00284
2	,,	...	...	...	...	...	0 · 3522	0 · 00069	0 · 00550	0 · 00568
3	,,	...	...	...	...	...	0 · 5282	0 · 00103	0 · 00825	0 · 00851
4	,,	...	...	...	...	...	0 · 7043	0 · 00138	0 · 01100	0 · 01135
5	,,	...	...	...	...	...	0 · 8804	0 · 00172	0 · 01376	0 · 01419
6	,,	...	...	...	...	...	1 · 0565	0 · 00206	0 · 01651	0 · 01703
7	,,	...	...	...	...	...	1 · 2325	0 · 00241	0 · 01926	0 · 01987
8	,,	...	...	...	...	...	1 · 4086	0 · 00275	0 · 02201	0 · 02270
9	,,	...	...	...	...	...	1 · 5847	0 · 00310	0 · 02476	0 · 02554
1	Litre,	...	...	...	...	...	1 · 7608	0 · 00344	0 · 02751	0 · 02838
2	,,	...	...	...	...	1	1 · 5215	0 · 00688	0 · 05502	0 · 05676
3	,,	...	...	...	...	2	1 · 2823	0 · 01032	0 · 08254	0 · 08514
4	,,	...	...	...	...	3	1 · 0431	0 · 01376	0 · 11005	0 · 11352
5	,,	...	...	...	1	0	0 · 8039	0 · 01720	0 · 13756	0 · 14190
6	,,	...	...	...	1	1	0 · 5646	0 · 02063	0 · 16507	0 · 17027
7	,,	...	...	...	1	2	0 · 3254	0 · 02407	0 · 19258	0 · 19865
8	,,	...	...	...	1	3	0 · 0862	0 · 02751	0 · 22010	0 · 22703
9	,,	...	...	...	1	3	1 · 8469	0 · 03095	0 · 24761	0 · 25541
1	Dekalitre, or 10 litres,	...	...	1	0	0	1 · 6077	0 · 03439	0 · 27512	0 · 28379
2	,, 20 ,,	...	...	2	0	1	1 · 2154	0 · 06878	0 · 55024	0 · 56758
3	,, 30 ,,	...	...	3	0	2	0 · 8231	0 · 10317	0 · 82536	0 · 85137
4	,, 40 ,,	...	1	0	0	3	0 · 4308	0 · 13756	1 · 10048	1 · 13516
5	,, 50 ,,	...	1	1	1	0	0 · 0385	0 · 17195	1 · 37560	1 · 41895
6	,, 60 ,,	...	1	2	1	0	1 · 6462	0 · 20634	1 · 65072	1 · 70275
7	,, 70 ,,	...	1	3	1	1	1 · 2539	0 · 24073	1 · 92584	1 · 98654
8	,, 80 ,,	...	2	0	1	2	0 · 8616	0 · 27512	2 · 20096	2 · 27033
9	,, 90 ,,	...	2	1	1	3	0 · 4693	0 · 30951	2 · 47608	2 · 55412
1	Hectolitre, 100 ,,	...	2	3	0	0	0 · 077	0 · 34390	2 · 75120	2 · 83791
2	,, 200 ,,	...	5	2	0	0	0 · 154	0 · 68780	5 · 50241	5 · 67582
3	,, 300 ,,	1	0	1	0	0	0 · 231	1 · 03170	8 · 25361	8 · 51373
4	,, 400 ,,	1	3	0	0	0	0 · 308	1 · 37560	11 · 00481	11 · 35164
5	,, 500 ,,	1	5	3	0	0	0 · 385	1 · 71950	13 · 75602	14 · 18955
6	,, 600 ,,	2	0	2	0	0	0 · 462	2 · 06340	16 · 50722	17 · 02746
7	,, 700 ,,	2	3	1	0	0	0 · 539	2 · 40730	19 · 25842	19 · 86536
8	,, 800 ,,	2	6	0	0	0	0 · 616	2 · 75120	22 · 00962	22 · 70327
9	,, 900 ,,	3	0	3	0	0	0 · 693	3 · 09510	24 · 76083	25 · 54118
1	Kilolitre, 1,000 ,,	3	3	2	0	0	0 · 77	3 · 43900	27 · 512	28 · 379
2	,, 2,000 ,,	6	7	0	0	0	1 · 54	6 · 878	55 · 024	56 · 758
3	,, 3,000 ,,	10	2	2	0	1	0 · 31	10 · 317	82 · 536	85 · 137
4	,, 4,000 ,,	13	6	0	0	1	1 · 08	13 · 756	110 · 048	113 · 516
5	,, 5,000 ,,	17	1	2	0	1	1 · 85	17 · 195	137 · 560	141 · 895

MEASURES OF CAPACITY.

IV.—Metric converted into Dry Measure.

		Qrtrs.	Bush.	Pks.	Gls.	Qrts.	Pints. dec.	OR THUS Quarters. dec.	OR THUS Bushels. dec.	OLD DRY MEASURE. Winchester Bushels. dec.
6 Kilolitres, or 6,000 litres,		20	5	0	0	2	0 · 62	20 · 634	165 · 072	170 · 275
7	„ 7,000 „	24	0	2	0	2	1 · 39	24 · 073	192 · 584	198 · 654
8	„ 8,000 „	27	4	0	0	3	0 · 16	27 · 512	220 · 096	227 · 033
9	„ 9,000 „	30	7	2	0	3	0 · 93	30 · 951	247 · 608	255 · 412
10	„ 10,000 „	34	3	0	0	3	1 · 70	34 · 390	275 · 120	283 · 791
11	„ 11,000 „	37	6	2	1	0	0 · 47	37 · 829	302 · 632	312 · 170
12	„ 12,000 „	41	2	0	1	0	1 · 24	41 · 268	330 · 144	340 · 549
13	„ 13,000 „	44	5	2	1	1	0 · 01	44 · 707	357 · 656	368 · 928
14	„ 14,000 „	48	1	0	1	1	0 · 78	48 · 146	385 · 168	397 · 307
15	„ 15,000 „	51	4	2	1	1	1 · 55	51 · 585	412 · 680	425 · 686
16	„ 16,000 „	55	0	0	1	2	0 · 32	55 · 024	440 · 192	454 · 065
17	„ 17,000 „	58	3	2	1	2	1 · 09	58 · 463	467 · 705	482 · 445
18	„ 18,000 „	61	7	0	1	2	1 · 86	61 · 902	495 · 217	510 · 824
19	„ 19,000 „	65	2	2	1	3	0 · 63	65 · 341	522 · 729	539 · 203
20	„ 20,000 „	68	6	0	1	3	1 · 40	68 · 780	550 · 241	567 · 582
21	„ 21,000 „	72	1	3	0	0	0 · 17	72 · 219	577 · 753	595 · 961
22	„ 22,000 „	75	5	1	0	0	0 · 94	75 · 658	605 · 265	624 · 340
23	„ 23,000 „	79	0	3	0	0	1 · 71	79 · 097	632 · 777	652 · 719
24	„ 24,000 „	82	4	1	0	1	0 · 48	82 · 536	660 · 289	681 · 098
25	„ 25,000 „	85	7	3	0	1	1 · 25	85 · 975	687 · 801	709 · 477
26	„ 26,000 „	89	3	1	0	2	0 · 02	89 · 414	715 · 313	737 · 856
27	„ 27,000 „	92	6	3	0	2	0 · 79	92 · 853	742 · 825	766 · 235
28	„ 28,000 „	96	2	1	0	2	1 · 56	96 · 292	770 · 337	794 · 615
29	„ 29,000 „	99	5	3	0	3	0 · 33	99 · 731	797 · 849	822 · 994
30	„ 30,000 „	103	1	1	0	3	1 · 10	103 · 170	825 · 361	851 · 373
31	„ 31,000 „	106	4	3	0	3	1 · 87	106 · 609	852 · 873	879 · 752
32	„ 32,000 „	110	0	1	1	0	0 · 64	110 · 048	880 · 385	908 · 131
33	„ 33,000 „	113	3	3	1	0	1 · 41	113 · 487	907 · 897	936 · 510
34	„ 34,000 „	116	7	1	1	1	0 · 18	116 · 926	935 · 409	964 · 889
35	„ 35,000 „	120	2	3	1	1	0 · 95	120 · 365	962 · 921	993 · 268
36	„ 36,000 „	123	6	1	1	1	1 · 72	123 · 804	990 · 433	1,021 · 647
37	„ 37,000 „	127	1	3	1	2	0 · 49	127 · 243	1,017 · 945	1,050 · 026
38	„ 38,000 „	130	5	1	1	2	1 · 26	130 · 682	1,045 · 457	1,078 · 405
39	„ 39,000 „	134	0	3	1	3	0 · 03	134 · 121	1,072 · 969	1,106 · 785
40	„ 40,000 „	137	4	1	1	3	0 · 80	137 · 560	1,100 · 481	1,135 · 164
41	„ 41,000 „	140	7	3	1	3	1 · 57	140 · 999	1,127 · 993	1,163 · 543
42	„ 42,000 „	144	3	2	0	0	0 · 34	144 · 438	1,155 · 505	1,191 · 922
43	„ 43,000 „	147	7	0	0	0	1 · 11	147 · 877	1,183 · 017	1,220 · 301
44	„ 44,000 „	151	2	2	0	0	1 · 88	151 · 316	1,210 · 529	1,248 · 680
45	„ 45,000 „	154	6	0	0	1	0 · 65	154 · 755	1,238 · 041	1,277 · 059
46	„ 46,000 „	158	1	2	0	1	1 · 42	158 · 194	1,265 · 553	1,305 · 438
47	„ 47,000 „	161	5	0	0	2	0 · 19	161 · 633	1,293 · 065	1,333 · 817
48	„ 48,000 „	165	0	2	0	2	0 · 96	165 · 072	1,320 · 577	1,362 · 196
49	„ 49,000 „	168	4	0	0	2	1 · 73	168 · 511	1,348 · 090	1,390 · 576
50	„ 50,000 „	171	7	2	0	3	0 · 50	171 · 950	1,375 · 602	1,418 · 955
51	„ 51,000 „	175	3	0	0	3	1 · 27	175 · 389	1,403 · 114	1,447 · 334
52	„ 52,000 „	178	6	2	1	0	0 · 04	178 · 828	1,430 · 626	1,475 · 713
53	„ 53,000 „	182	2	0	1	0	0 · 81	182 · 267	1,458 · 138	1,504 · 092
54	„ 54,000 „	185	5	2	1	0	1 · 58	185 · 706	1,485 · 650	1,532 · 471
55	„ 55,000 „	189	1	0	1	1	0 · 35	189 · 145	1,513 · 162	1,560 · 850

MEASURES OF CAPACITY.

IV.—Metric converted into Dry Measure.

			Qrtrs.	Bush	Pks.	Gls.	Qrts.	Pts. dec.	OR THUS Quarters. dec.	OR THUS Bushels. dec.	OLD DRY MEASURE. Winchester Bushels. dec.
56	Kilolitres or	56,000 litres,	192	4	2	1	1	1 · 12	192 · 584	1,540 · 674	1,589 · 229
57	,,	57,000 ,,	196	0	0	1	1	1 · 89	196 · 023	1,568 · 186	1,617 · 608
58	,,	58,000 ,,	199	3	2	1	2	0 · 66	199 · 462	1,595 · 698	1,645 · 987
59	,,	59,000 ,,	202	7	0	1	2	1 · 43	202 · 901	1,623 · 210	1,674 · 366
60	,,	60,000 ,,	206	2	2	1	3	0 · 20	206 · 340	1,650 · 722	1,702 · 745
61	,,	61,000 ,,	209	6	0	1	3	0 · 97	209 · 779	1,678 · 234	1,731 · 125
62	,,	62,000 ,,	213	1	2	1	3	1 · 74	213 · 218	1,705 · 746	1,759 · 504
63	,,	63,000 ,,	216	5	1	0	0	0 · 51	216 · 657	1,733 · 258	1,787 · 883
64	,,	64,000 ,,	220	0	3	0	0	1 · 28	220 · 096	1,760 · 770	1,816 · 262
65	,,	65,000 ,,	223	4	1	0	1	0 · 05	223 · 535	1,788 · 282	1,844 · 641
66	,,	66,000 ,,	226	7	3	0	1	0 · 82	226 · 974	1,815 · 794	1,873 · 020
67	,,	67,000 ,,	230	3	1	0	1	1 · 59	230 · 413	1,843 · 306	1,901 · 399
68	,,	68,000 ,,	233	6	3	0	2	0 · 36	233 · 852	1,870 · 818	1,929 · 778
69	,,	69,000 ,,	237	2	1	0	2	1 · 13	237 · 291	1,898 · 330	1,958 · 157
70	,,	70,000 ,,	240	5	3	0	2	1 · 90	240 · 730	1,925 · 842	1,986 · 536
71	,,	71,000 ,,	244	1	1	0	3	0 · 67	244 · 169	1,953 · 354	2,014 · 916
72	,,	72,000 ,,	247	4	3	0	3	1 · 44	247 · 608	1,980 · 866	2,043 · 295
73	,,	73,000 ,,	251	0	1	1	0	0 · 21	251 · 047	2,008 · 378	2,071 · 674
74	,,	74,000 ,,	254	3	3	1	0	0 · 98	254 · 486	2,035 · 890	2,100 · 053
75	,,	75,000 ,,	257	7	1	1	0	1 · 75	257 · 925	2,063 · 402	2,128 · 432
76	,,	76,000 ,,	261	2	3	1	1	0 · 52	261 · 364	2,090 · 914	2,156 · 811
77	,,	77,000 ,,	264	6	1	1	1	1 · 29	264 · 803	2,118 · 426	2,185 · 190
78	,,	78,000 ,,	268	1	3	1	2	0 · 06	268 · 242	2,145 · 938	2,213 · 569
79	,,	79,000 ,,	271	5	1	1	2	0 · 83	271 · 681	2,173 · 450	2,241 · 948
80	,,	80,000 ,,	275	0	3	1	2	1 · 60	275 · 120	2,200 · 962	2,270 · 327
81	,,	81,000 ,,	278	4	1	1	3	0 · 37	278 · 559	2,228 · 475	2,298 · 706
82	,,	82,000 ,,	281	7	3	1	3	1 · 14	281 · 998	2,255 · 987	2,327 · 086
83	,,	83,000 ,,	285	3	1	1	3	1 · 91	285 · 437	2,283 · 499	2,355 · 465
84	,,	84,000 ,,	288	7	0	0	0	0 · 68	288 · 876	2,311 · 011	2,383 · 844
85	,,	85,000 ,,	292	2	2	0	0	1 · 45	292 · 315	2,338 · 523	2,412 · 223
86	,,	86,000 ,,	295	6	0	0	1	0 · 22	295 · 754	2,366 · 035	2,440 · 602
87	,,	87,000 ,,	299	1	2	0	1	0 · 99	299 · 193	2,393 · 547	2,468 · 981
88	,,	88,000 ,,	302	5	0	0	1	1 · 76	302 · 632	2,421 · 059	2,497 360
89	,,	89,000 ,,	306	0	2	0	2	0 · 53	306 · 071	2,448 · 571	2,525 739
90	,,	90,000 ,,	309	4	0	0	2	1 · 30	309 · 510	2,476 · 083	2,554 · 118
91	,,	91,000 ,,	312	7	2	0	3	0 · 07	312 · 949	2,503 · 595	2,582 · 497
92	,,	92,000 ,,	316	3	0	0	3	0 · 84	316 · 388	2,531 · 107	2,610 · 876
93	,,	93,000 ,,	319	6	2	0	3	1 · 61	319 · 827	2,558 · 619	2,639 · 256
94	,,	94,000 ,,	323	2	0	1	0	0 · 38	323 · 266	2,586 · 131	2,667 · 635
95	,,	95,000 ,,	326	5	2	1	0	1 · 15	326 · 705	2,613 · 643	2,696 · 014
96	,,	96,000 ,,	330	1	0	1	0	1 · 92	330 · 144	2,641 · 155	2,724 · 393
97	,,	97,000 ,,	333	4	2	1	1	0 · 69	333 · 583	2,668 · 667	2,752 · 772
98	,,	98,000 ,,	337	0	0	1	1	1 · 46	337 · 022	2,696 · 179	2,781 · 151
99	,,	99,000 ,,	340	3	2	1	2	0 · 23	340 · 461	2,723 · 691	2,809 · 530
100	,,	100,000 ,,	343	7	0	1	2	1 · 00	343 · 900	2,751 · 203	2,837 · 909
200	,,	200,000 ,,	687	6	1	1	1	0	687 · 801	5,502 · 406	5,675 · 818
300	,,	300,000. ,,	1031	5	2	0	3	1	1,031 · 701	8,253 · 609	8,513 · 728
400	,,	400,000 ,,	1375	4	3	0	2	0	1,375 · 602	11,004 · 813	11,351 · 637
500	,,	500,000 ,,	1719	4	0	0	0	1	1,719 · 502	13,756 · 016	14,189 · 546
600	,,	600,000 ,,	2063	3	0	1	3	0	2,063 · 402	16,507 · 219	17,027 · 455

Old Measures of Capacity converted into Metric Measures.

OLD DRY MEASURE.	Kilolitres.	Hectolitres.	Dekalitres.	Litres.	Decilitres.	Centilitres.	decimals.
1 Winchester pint,	..	..	..	..	5	5	· 0581
1 ,, gallon,	..	..	.	4	4	0	· 4650
1 Winchester bushel,	..	..	3	5	2	3	· 7202
2 ,, . . .	..	..	7	0	4	7	· 4403
3 ,, . . .	..	1	0	5	7	1	· 1605
4 ,, . . .	..	1	4	0	9	4	· 8807
5 ,, . . .	..	1	7	6	1	8	· 6008
6 ,, . . .	..	2	1	1	4	2	· 3210
7 ,, . . .	..	2	4	6	6	6	· 0412
8 ,, 1 quarter,	..	2	8	1	8	9	· 7613
9 ,, . . .	..	3	1	7	1	3	· 4815
10 ,, . . .	..	3	5	2	3	7	· 2017
20 ,, . . .	..	7	0	4	7	4	· 4034
30 ,, . . .	1	0	5	7	1	1	· 6050
40 ,, . . .	1	4	0	9	4	8	· 8067
50 ,, . . .	1	7	6	1	8	6	· 0084
60 ,, . . .	2	1	1	4	2	3	· 2101
70 ,, . . .	2	4	6	6	6	0	· 4118
80 ,, . . .	2	8	1	8	9	7	· 6135
90 ,, . . .	3	1	7	1	3	4	· 8151
100 ,, . . .	3	5	2	3	7	2	· 0168
200 ,, . . .	7	0	4	7	4	4	· 0337
300 ,, . . .	10	5	7	1	1	6	· 0505
400 ,, . . .	14	0	9	4	8	8	· 0673
500 ,, . . .	17	6	1	8	6	0	· 0842
600 ,, . . .	21	1	4	2	3	2	· 1010
700 ,, . . .	24	6	6	6	0	4	· 1178
800 ,, . . .	28	1	8	9	7	6	· 1346
900 ,, . . .	31	7	1	3	4	8	· 1515
1,000 ,, . . .	35	2	3	7	2	0	· 1683
2,000 ,, . . .	70	4	7	4	4	0	· 3366
3,000 ,, . . .	105	7	1	1	6	0	· 5049
4,000 ,, . . .	140	9	4	8	8	0	· 6732
5,000 ,, . . .	176	1	8	6	0	0	· 8415
6,000 ,, . . .	211	4	2	3	2	1	· 0099
7,000 ,, . . .	246	6	6	0	4	1	· 1782
8,000 ,, . . .	281	8	9	7	6	1	· 3465
9,000 ,, . . .	317	1	3	4	8	1	· 5148
10,000 ,, . . .	352	3	7	2	0	1	· 6831

OLD WINE MEASURE.	Kilolitres.	Hectolitres.	Dekalitres.	Litres.	Decilitres.	Centilitres.	decimals.
1 pint, .	..	..	..	..	4	7	· 3151
1 quart,	..	.	..	..	9	4	· 6302
1 gallon,	..	..	..	3	7	8	· 5208
2 ,, .	..	..	..	7	5	7	· 0416
3 ,, .	..	..	1	1	3	5	· 5623
4 ,, .	..	..	1	5	1	4	· 0831
5 ,, .	..	..	1	8	9	2	· 6039
6 ,, .	..	..	2	2	7	1	· 1247
7 ,, .	..	..	2	6	4	9	· 6455
8 ,, .	..	..	3	0	2	8	· 1662
9 ,, .	..	..	3	4	0	6	· 6870
10 ,, .	..	..	3	7	8	5	· 2078
20 ,, .	..	..	7	5	7	0	· 4156
30 ,, .	..	1	1	3	5	5	· 6234
40 ,, .	..	1	5	1	4	0	· 8312
50 ,, .	..	1	8	9	2	6	· 0390
60 ,, .	..	2	2	7	1	1	· 2468
70 ,, .	..	2	6	4	9	6	· 4545
80 ,, .	..	3	0	2	8	1	· 6623
90 ,, .	..	3	4	0	6	6	· 8701
100 ,, .	..	3	7	8	5	2	· 0779
200 ,, .	..	7	5	7	0	4	· 1558
300 ,, .	1	1	3	5	5	6	· 2338
400 ,, .	1	5	1	4	0	8	· 3117
500 ,, .	1	8	9	2	6	0	· 3896
600 ,, .	2	2	7	1	1	2	· 4675
700 ,, .	2	6	4	9	6	4	· 5455
800 ,, .	3	0	2	8	1	6	· 6234
900 ,, .	3	4	0	6	6	8	· 7013
1,000 ,, .	3	7	8	5	2	0	· 7792
2,000 ,, .	7	5	7	0	4	1	· 5585
3,000 ,, .	11	3	5	5	6	2	· 3377
4,000 ,, .	15	1	4	0	8	3	· 1169
5,000 ,, .	18	9	2	6	0	3	· 8962
6,000 ,, .	22	7	1	1	2	4	· 6754
7,000 ,, .	26	4	9	6	4	5	· 4547
8,000 ,, .	30	2	8	1	6	6	· 2339
9,000 ,, .	34	0	6	6	8	7	· 0131
10,000 ,, .	37	8	5	2	0	7	· 7924

OLD ALE MEASURE.	Kilolitres.	Hectolitres.	Dekalitres.	Litres.	Decilitres.	Centilitres.	decimals.
1 pint, .	..	..	..	..	5	7	· 7614
1 quart,	..	..	..	1	1	5	· 5227
1 gallon,	..	..	..	4	6	2	· 0908
2 ,, .	..	..	..	9	2	4	· 1816
3 ,, .	..	..	1	3	8	6	· 2724
4 ,, .	..	..	1	8	4	8	· 3632
5 ,, .	..	..	2	3	1	0	· 4541
6 ,, .	..	..	2	7	7	2	· 5449
7 ,, .	..	..	3	2	3	4	· 6357
8 ,, .	..	..	3	6	9	6	· 7265
9 ,, .	..	..	4	1	5	8	· 8173
10 ,, .	..	..	4	6	2	0	· 9081
20 ,, .	..	..	9	2	4	1	· 8162
30 ,, .	..	1	3	8	6	2	· 7244
40 ,, .	..	1	8	4	8	3	· 6325
50 ,, .	..	2	3	1	0	4	· 5406
60 ,, .	..	2	7	7	2	5	· 4487
70 ,, .	..	3	2	3	4	6	· 3569
80 ,, .	..	3	6	9	6	7	· 2650
90 ,, .	..	4	1	5	8	8	· 1731
100 ,, .	..	4	6	2	0	9	· 0812
200 ,, .	..	9	2	4	1	8	· 1625
300 ,, .	1	3	8	6	2	7	· 2437
400 ,, .	1	8	4	8	3	6	· 3249
500 ,, .	2	3	1	0	4	5	· 4062
600 ,, .	2	7	7	2	5	4	· 4874
700 ,, .	3	2	3	4	6	3	· 5686
800 ,, .	3	6	9	6	7	2	· 6499
900 ,, .	4	1	5	8	8	1	· 7311
1,000 ,, .	4	6	2	0	9	0	· 8123
2,000 ,, .	9	2	4	1	8	1	· 6247
3,000 ,, .	13	8	6	2	7	2	· 4370
4,000 ,, .	18	4	8	3	6	3	· 2493
5,000 ,, .	23	1	0	4	5	4	· 0616
6,000 ,, .	27	7	2	5	4	4	· 8740
7,000 ,, .	32	3	4	6	3	5	· 6863
8,000 ,, .	36	9	6	7	2	6	· 4986
9,000 ,, .	41	5	8	8	1	7	· 3110
10,000 ,, .	46	2	0	9	0	8	· 1233

TABLE showing Gallons and Bushels reduced to the Decimal part of a Quarter.

		1 Gallon.	2 Gallons.	3 Gallons.	4 Gallons.	5 Gallons.	6 Gallons.	7 Gallons.
		015625	03125	046875	0625	078125	09375	109375
1 Bushel, . . .	125	140625	15625	171875	1875	203125	21875	234375
2 ,, . . .	250	265625	28125	296875	3125	328125	34875	359375
3 ,, . . .	375	390625	40625	421875	4375	453125	46875	484375
4 ,, . . .	500	515625	53125	546875	5625	578125	59375	609375
5 ,, . . .	625	640625	65625	671875	6875	703125	71875	734375
6 ,, . . .	750	765625	78125	796875	8125	828125	84375	859375
7 ,, . . .	875	890625	90625	921875	9375	953125	96875	984375

TABLE showing Gallons reduced to the Decimal part of a Bushel.

1 Gallon =	· 125	5 Gallons =	· 625
2 ,, =	· 250	6 ,, =	· 750
3 ,, =	· 375	7 ,, =	· 875
4 ,, =	· 500	8 ,, =	1 ·

TABLE showing Pints reduced to the Decimal part of a Gallon.

1 Pint =	· 125	5 Pints =	· 625
2 ,, =	· 250	6 ,, =	· 750
3 ,, =	· 375	7 ,, =	· 875
4 ,, =	· 500	8 ,, =	1 ·

WEIGHTS.

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WEIGHTS.

I.—Avoirdupois converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams.	decimals.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of Cubic Decimetres. dec.	EQUIVALENTS: Or of Measure of Capacity. Litres. dec.
1 dram,	...	...	...	...	...	...	1	7	7	1	84630	0 . 00177	0 . 00177
2 ,,	...	...	...	...	...	...	3	5	4	3	69260	0 . 00354	0 . 00354
3 ,,	...	...	...	...	...	...	5	3	1	5	53889	0 . 00532	0 . 00532
4 ,,	...	...	...	...	...	...	7	0	8	7	38519	0 . 00709	0 . 00709
5 ,,	...	...	...	...	...	...	8	8	5	9	23149	0 . 00886	0 . 00886
6 ,,	...	...	...	...	...	1	0	6	3	1	07779	0 . 01063	0 . 01063
7 ,,	...	...	...	...	...	1	2	4	0	2	92409	0 . 01240	0 . 01240
8 ,,	...	...	...	...	...	1	4	1	7	4	77038	0 . 01417	0 . 01417
9 ,,	...	...	...	...	...	1	5	9	4	6	61668	0 . 01595	0 . 01595
10 ,,	...	...	...	...	...	1	7	7	1	8	46298	0 . 01772	0 . 01772
11 ,,	...	...	...	...	...	1	9	4	9	0	30928	0 . 01949	0 . 01949
12 ,,	...	...	...	...	...	2	1	2	6	2	15557	0 . 02126	0 . 02126
13 ,,	...	...	...	...	...	2	3	0	3	4	00187	0 . 02303	0 . 02303
14 ,,	...	...	...	...	...	2	4	8	0	5	84817	0 . 02481	0 . 02481
15 ,,	...	...	...	...	...	2	6	5	7	7	69447	0 . 02658	0 . 02658
1 ounce,	...	...	...	...	...	2	8	3	4	9	54077	0 . 02835	0 . 02835
2 ,,	...	...	...	...	...	5	6	6	9	9	08153	0 . 05670	0 . 05670
3 ,,	...	...	...	...	...	8	5	0	4	8	62230	0 . 08505	0 . 08505
4 ,,	...	...	...	...	1	1	3	3	9	8	16306	0 . 11340	0 . 11340
5 ,,	...	...	...	...	1	4	1	7	4	7	70383	0 . 14175	0 . 14175
6 ,,	...	...	...	...	1	7	0	0	9	7	24459	0 . 17010	0 . 17010
7 ,,	...	...	...	...	1	9	8	4	4	6	78536	0 . 19845	0 . 19845
8 ,,	...	...	...	...	2	2	6	7	9	6	32613	0 . 22680	0 . 22680
9 ,,	...	...	...	...	2	5	5	1	4	5	86689	0 . 25515	0 . 25515
10 ,,	...	...	...	...	2	8	3	4	9	5	40766	0 . 28350	0 . 28350
11 ,,	...	...	...	...	3	1	1	8	4	4	94842	0 . 31184	0 . 31184
12 ,,	...	...	...	...	3	4	0	1	9	4	48919	0 . 34019	0 . 34019
13 ,,	...	...	...	...	3	6	8	5	4	4	02996	0 . 36854	0 . 36854
14 ,,	...	...	...	...	3	9	6	8	9	3	57072	0 . 39689	0 . 39689
15 ,,	...	...	...	...	4	2	5	2	4	3	11149	0 . 42524	0 . 42524
1 pound,	...	...	...	...	4	5	3	5	9	2	65225	0 . 45359	0 . 45359
2 ,,	...	...	...	...	9	0	7	1	8	5	305	0 . 90719	0 . 90719
3 ,,	...	...	...	1	3	6	0	7	7	7	957	1 . 36078	1 . 36078
4 ,,	...	...	...	1	8	1	4	3	7	0	609	1 . 81437	1 . 81437
5 ,,	...	...	...	2	2	6	7	9	6	3	261	2 . 26796	2 . 26796
6 ,,	...	...	...	2	7	2	1	5	5	5	914	2 . 72156	2 . 72156
7 ,,	...	...	...	3	1	7	5	1	4	8	566	3 . 17515	3 . 17515
8 ,,	...	...	...	3	6	2	8	7	4	1	218	3 . 62874	3 . 62874
9 ,,	...	...	...	4	0	8	2	3	3	3	870	4 . 08233	4 . 08233
10 ,,	...	...	...	4	5	3	5	9	2	6	523	4 . 53593	4 . 53593
11 ,,	...	...	...	4	9	8	9	5	1	9	175	4 . 98952	4 . 98952
12 ,,	...	...	...	5	4	4	3	1	1	1	827	5 . 44311	5 . 44311
13 ,,	...	...	...	5	8	9	6	7	0	4	479	5 . 89670	5 . 89670
14 ,, or 1 stone,	...	...	...	6	3	5	0	2	9	7	132	6 . 35030	6 . 35030
15 ,,	...	...	...	6	8	0	3	8	8	9	784	6 . 80389	6 . 80389
16 ,,	...	...	...	7	2	5	7	4	8	2	436	7 . 25748	7 . 25748
17 ,,	...	...	...	7	7	1	1	0	7	5	088	7 . 71108	7 . 71108
18 ,,	...	...	...	8	1	6	4	6	6	7	741	8 . 16467	8 . 16467
19 ,,	...	...	...	8	6	1	8	2	6	0	393	8 . 61826	8 . 61826
20 ,,	...	...	...	9	0	7	1	8	5	3	045	9 . 07185	9 . 07185

WEIGHTS.

I.—Avoirdupois converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grms	Decigrams	Centigrams.	Milligrams.	dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of Cubic Decimetres. dec.	EQUIVALENTS: Or of Measure of Capacity. Litres. dec
21 pounds, . . .	...	...	...	9	5	2	5	4	4	5	697	9 . 52545	9 . 52545
22 ,, . . .	...	...	...	9	9	7	9	0	3	8	350	9 . 97904	9 . 97904
23 ,, . . .	...	...	1	0	4	3	2	6	3	1	002	10 . 43263	10 . 43263
24 ,, . . .	...	...	1	0	8	8	6	2	2	3	654	10 . 88622	10 . 88622
25 ,, . . .	...	...	1	1	3	3	9	8	1	6	306	11 . 33982	11 . 33982
26 ,, . . .	...	...	1	1	7	9	3	4	0	8	959	11 . 79341	11 . 79341
27 ,, . . .	...	...	1	2	2	4	7	0	0	1	611	12 . 24700	12 . 24700
28 ,, or 2 stones,	...	...	1	2	7	0	0	5	9	4	263	12 . 70059	12 . 70059
29 ,, . . .	...	...	1	3	1	5	4	1	8	6	915	13 . 15419	13 . 15419
30 ,, . . .	...	...	1	3	6	0	7	7	7	9	568	13 . 60778	13 . 60778
31 ,, . . .	...	...	1	4	0	6	1	2	7	2	220	14 . 06137	14 . 06137
32 ,, . . .	...	...	1	4	5	1	4	9	6	4	872	14 . 51496	14 . 51496
33 ,, . . .	...	...	1	4	9	6	8	5	5	7	524	14 . 96856	14 . 96846
34 ,, . . .	...	...	1	5	4	2	2	1	5	0	177	15 . 42215	15 . 42215
35 ,, . . .	...	...	1	5	8	7	5	7	4	2	829	15 . 87574	15 . 87574
36 ,, . . .	...	...	1	6	3	2	9	3	3	5	481	16 . 32934	16 . 32934
37 ,, . . .	...	...	1	6	7	8	2	9	2	8	133	16 . 78293	16 . 78293
38 ,, . . .	...	...	1	7	2	3	6	5	2	0	786	17 . 23652	17 . 23652
39 ,, . . .	...	...	1	7	6	9	0	1	1	3	438	17 . 69011	17 . 69011
40 ,, . . .	...	...	1	8	1	4	3	7	0	6	090	18 . 14371	18 . 14371
41 ,, . . .	...	...	1	8	5	9	7	2	9	8	742	18 . 59730	18 . 59730
42 ,, or 3 stones,	...	...	1	9	0	5	0	8	9	1	395	19 . 05089	19 . 05089
43 ,, . . .	...	...	1	9	5	0	4	4	8	4	047	19 . 50448	19 . 50448
44 ,, . . .	...	...	1	9	9	5	8	0	7	6	699	19 . 95808	19 . 95808
45 ,, . . .	...	...	2	0	4	1	1	6	6	9	351	20 . 41167	20 . 41167
46 ,, . . .	...	...	2	0	8	6	5	2	6	2	004	20 . 86526	20 . 86526
47 ,, . . .	...	...	2	1	3	1	8	8	5	4	656	21 . 31885	21 . 31885
48 ,, . . .	...	...	2	1	7	7	2	4	4	7	308	21 . 77245	21 . 77245
49 ,, . . .	...	...	2	2	2	2	6	0	3	9	960	22 . 22604	22 . 22604
50 ,, . . .	...	...	2	2	6	7	9	6	3	2	613	22 . 67963	22 . 67963
51 ,, . . .	...	...	2	3	1	3	3	2	2	5	265	23 . 13323	23 . 13323
52 ,, . . .	...	...	2	3	5	8	6	8	1	7	917	23 . 58682	23 . 58682
53 ,, . . .	...	...	2	4	0	4	0	4	1	0	569	24 . 04041	24 . 04041
54 ,, . . .	...	...	2	4	4	9	4	0	0	3	222	24 49400	24 . 49400
55 ,, . . .	...	...	2	4	9	4	7	5	9	5	874	24 94760	24 . 94760
56 ,, or 4 stones,	...	...	2	5	4	0	1	1	8	8	526	25 . 40119	25 . 40119
57 ,, . . .	...	...	2	5	8	5	4	7	8	1	178	25 . 85478	25 . 85478
58 ,, . . .	...	...	2	6	3	0	8	3	7	3	831	26 . 30837	26 . 30837
59 ,, . . .	...	...	2	6	7	6	1	9	6	6	483	26 . 76197	26 . 76197
60 ,, . . .	...	...	2	7	2	1	5	5	5	9	135	27 . 21556	27 . 21556
61 ,, . . .	...	...	2	7	6	6	9	1	5	1	787	27 . 66915	27 . 66915
62 ,, . . .	...	...	2	8	1	2	2	7	4	4	440	28 . 12274	28 . 12274
63 ,, . . .	...	...	2	8	5	7	6	3	3	7	092	28 . 57634	28 . 57634
64 ,, . . .	...	...	2	9	0	2	9	9	2	9	744	29 . 02993	29 . 02993
65 ,, . . .	...	...	2	9	4	8	3	5	2	2	396	29 . 48352	29 . 48352
66 ,, . . .	...	...	2	9	9	3	7	1	1	5	049	29 . 93712	29 . 93712
67 ,, . . .	...	...	3	0	3	9	0	7	0	7	701	30 . 39071	30 . 39071
68 ,, . . .	...	...	3	0	8	4	4	3	0	0	353	30 . 84430	30 . 84430
69 ,, . . .	...	...	3	1	2	9	7	8	9	3	005	31 . 29789	31 . 29789
70 ,, or 5 stones,	...	...	3	1	7	5	1	4	8	5	658	31 . 75149	31 . 75149

WEIGHTS.

I.—Avoirdupois converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams.	decimals.	EQUIVALENTS: Which Weight if of Pure Water at temp. 32° would occupy the space of Cubic Decimetres. dec.	EQUIVALENTS: Or of Measure of Capacity. Litres. dec.
71 pounds, . . .	...	...	3	2	2	0	5	0	7	8	310	32 . 2051	32 . 2051
72 ,, . . .	...	...	3	2	6	5	8	6	7	0	962	32 . 6587	32 . 6587
73 ,, . . .	...	...	3	3	1	1	2	2	6	3	614	33 . 1123	33 . 1123
74 ,, . . .	...	...	3	3	5	6	5	8	5	6	267	33 . 5659	33 . 5659
75 ,, . . .	...	...	3	4	0	1	9	4	4	8	919	34 . 0194	34 . 0194
76 ,, . . .	...	...	3	4	4	7	3	0	4	1	571	34 . 4730	34 . 4730
77 ,, . . .	...	...	3	4	9	2	6	6	3	4	223	34 . 9266	34 . 9266
78 ,, . . .	...	...	3	5	3	8	0	2	2	6	876	35 . 3802	35 . 3802
79 ,, . . .	...	...	3	5	8	3	3	8	1	9	528	35 . 8338	35 . 8338
80 ,, . . .	...	...	3	6	2	8	7	4	1	2	180	36 . 2874	36 . 2874
81 ,, . . .	...	...	3	6	7	4	1	0	0	4	832	36 . 7410	36 . 7410
82 ,, . . .	...	...	3	7	1	9	4	5	9	7	485	37 . 1946	37 . 1946
83 ,, . . .	...	...	3	7	6	4	8	1	9	0	137	37 . 6482	37 . 6482
84 ,, or 6 stones,	...	...	3	8	1	0	1	7	8	2	789	38 . 1018	38 . 1018
85 ,, . . .	...	...	3	8	5	5	5	3	7	5	441	38 . 5554	38 . 5554
86 ,, . . .	...	...	3	9	0	0	8	9	6	8	094	39 . 0090	39 . 0090
87 ,, . . .	...	...	3	9	4	6	2	5	6	0	746	39 . 4626	39 . 4626
88 ,, . . .	...	...	3	9	9	1	6	1	5	3	398	39 . 9162	39 . 9162
89 ,, . . .	...	...	4	0	3	6	9	7	4	6	050	40 . 3697	40 . 3697
90 ,, . . .	...	...	4	0	8	2	3	3	3	8	703	40 . 8233	40 . 8233
91 ,, . . .	...	...	4	1	2	7	6	9	3	1	355	41 . 2769	41 . 2769
92 ,, . . .	...	...	4	1	7	3	0	5	2	4	007	41 . 7305	41 . 7305
93 ,, . . .	...	...	4	2	1	8	4	1	1	6	659	42 . 1841	42 . 1841
94 ,, . . .	...	...	4	2	6	3	7	7	0	9	312	42 . 6377	42 . 6377
95 ,, . . .	...	...	4	3	0	9	1	3	0	1	964	43 . 0913	43 . 0913
96 ,, . . .	...	...	4	3	5	4	4	8	9	4	616	43 . 5449	43 . 5449
97 ,, . . .	...	...	4	3	9	9	8	4	8	7	269	43 . 9985	43 . 9985
98 ,, or 7 stones,	...	...	4	4	4	5	2	0	7	9	921	44 . 4521	44 . 4521
99 ,, . . .	...	...	4	4	9	0	5	6	7	2	573	44 . 9057	44 . 9057
100 ,, . . .	...	...	4	5	3	5	9	2	6	5	22526	45 . 3593	45 . 3593
101 ,, . . .	...	...	4	5	8	1	2	8	5	7	878	45 . 8129	45 . 8129
102 ,, . . .	...	...	4	6	2	6	6	4	5	0	530	46 . 2665	46 . 2665
103 ,, . . .	...	...	4	6	7	2	0	0	4	3	182	46 . 7200	46 . 7200
104 ,, . . .	...	...	4	7	1	7	3	6	3	5	834	47 . 1736	47 . 1736
105 ,, . . .	...	...	4	7	6	2	7	2	2	8	487	47 . 6272	47 . 6272
106 ,, . . .	...	...	4	8	0	8	0	8	2	1	139	48 . 0808	48 . 0808
107 ,, . . .	...	...	4	8	5	3	4	4	1	3	791	48 . 5344	48 . 5344
108 ,, . . .	...	...	4	8	9	8	8	0	0	6	443	48 . 9880	48 . 9880
109 ,, . . .	...	...	4	9	4	4	1	5	9	9	096	49 . 4416	49 . 4416
110 ,, . . .	...	...	4	9	8	9	5	1	9	1	748	49 . 8952	49 . 8952
111 ,, . . .	...	...	5	0	3	4	8	7	8	4	400	50 . 3488	50 . 3488
112 ,, or 1 cwt.,	...	...	5	0	8	0	2	3	7	7	05229	50 . 8024	50 . 8024
200 ,, . . .	...	...	9	0	7	1	8	5	3	0	45052	90 . 7185	90 . 7185
300 ,, . . .	...	1	3	6	0	7	7	7	9	5	676	136 . 0778	136 . 0778
400 ,, . . .	...	1	8	1	4	3	7	0	6	0	901	181 . 4371	181 . 4371
500 ,, . . .	...	2	2	6	7	9	6	3	2	6	126	226 . 7963	226 . 7963
600 ,, . . .	...	2	7	2	1	5	5	5	9	1	352	272 . 1556	272 . 1556
700 ,, . . .	...	3	1	7	5	1	4	8	5	6	577	317 . 5149	317 . 5149
800 ,, . . .	...	3	6	2	8	7	4	1	2	1	802	362 . 8741	362 . 8741
900 ,, . . .	...	4	0	8	2	3	3	3	8	7	027	408 . 2334	408 . 2334

WEIGHTS.

I.—Avoirdupois converted into Metric.

	Millers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams.	dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of — Cubic Metres.	Cubic Deci dec. metres.	Or of Measure of Capacity. Litres.	dec.
1,000 pounds,	...	4	5	3	5	9	2	6	5	2	253	...	453	59	453.59
2,000 ,,	...	9	0	7	1	8	5	3	0	4	505	...	907	19	907.19
3,000 ,,	1	3	6	0	7	7	7	9	5	6	758	1	360	78	1,360.78
4,000 ,,	1	8	1	4	3	7	0	6	0	9	010	1	814	37	1,814.37
5,000 ,,	2	2	6	7	9	6	3	2	6	1	263	2	267	96	2,267.96
6,000 ,,	2	7	2	1	5	5	5	9	1	3	516	2	721	56	2,721.56
7,000 ,,	3	1	7	5	1	4	8	5	6	5	768	3	175	15	3,175.15
8,000 ,,	3	6	2	8	7	4	1	2	1	8	021	3	628	74	3,628.74
9,000 ,,	4	0	8	2	3	3	3	8	7	0	273	4	082	33	4,082.33
10,000 ,,	4	5	3	5	9	2	6	5	2	2	526	4	535	93	4,535.93
20,000 ,,	9	0	7	1	8	5	3	0	4	5	05	9	071	85	9,071.85
30,000 ,,	13	6	0	7	7	7	9	5	6	7	58	13	607	78	13,607.78
40,000 ,,	18	1	4	3	7	0	6	0	9	0	10	18	143	71	18,143.71
50,000 ,,	22	6	7	9	6	3	2	6	1	2	63	22	679	63	22,679.63
60,000 ,,	27	2	1	5	5	5	9	1	3	5	16	27	215	56	27,215.56
70,000 ,,	31	7	5	1	4	8	5	6	5	7	68	31	751	49	31,751.49
80,000 ,,	36	2	8	7	4	1	2	1	8	0	21	36	287	41	36,287.41
90,000 ,,	40	8	2	3	3	3	8	7	0	2	73	40	823	34	40,823.34
100,000 ,,	45	3	5	9	2	6	5	2	2	5	26	45	359	27	45,359.27
200,000 ,,	90	7	1	8	5	3	0	4	5	0	5	90	718	53	90,718.53
300,000 ,,	136	0	7	7	7	9	5	6	7	5	8	136	077	80	136,077.80
400,000 ,,	181	4	3	7	0	6	0	9	0	1	0	181	437	06	181,437.06
500,000 ,,	226	7	9	6	3	2	6	1	2	6	3	226	796	33	226,796.33
600,000 ,,	272	1	5	5	5	9	1	3	5	1	6	272	155	59	272,155.59
700,000 ,,	317	5	1	4	8	5	6	5	7	6	8	317	514	86	317,514.86
800,000 ,,	362	8	7	4	1	2	1	8	0	2	1	362	874	12	362,874.12
900,000 ,,	408	2	3	3	3	8	7	0	2	7	3	408	233	39	408,233.39
1,000,000 ,,	453	5	9	2	6	5	2	2	5	2	6	453	592	65	453,592.65
2,000,000 ,,	907	1	8	5	3	0	4	5	0	5	...	907	185	30	907,185.30
3,000,000 ,,	1360	7	7	7	9	5	6	7	5	8	...	1360	777	96	1,360,777.96
4,000,000 ,,	1814	3	7	0	6	0	9	0	1	0	...	1814	370	61	1,814,370.61
5,000,000 ,,	2267	9	6	3	2	6	1	2	6	3	...	2267	963	26	2,267,963.26
6,000,000 ,,	2721	5	5	5	9	1	3	5	1	6	...	2721	555	91	2,721,555.91
7,000,000 ,,	3175	1	4	8	5	6	5	7	6	8	...	3175	148	57	3,175,148.57
8,000,000 ,,	3628	7	4	1	2	1	8	0	2	1	...	3628	741	22	3,628,741.22
9,000,000 ,,	4082	3	3	3	8	7	0	2	7	3	...	4082	333	87	4,082,333.87
1 cwt., . . .	...	...	5	0	8	0	2	3	7	7	052	...	50	80	50.80
2 ,, . . .	...	1	0	1	6	0	4	7	5	4	10	...	101	60	101.60
3 ,, . . .	...	1	5	2	4	0	7	1	3	1	16	...	152	41	152.41
4 ,, . . .	...	2	0	3	2	0	9	5	0	8	21	...	203	21	203.21
5 ,, . . .	...	2	5	4	0	1	1	8	8	5	26	...	254	01	254.01
6 ,, . . .	...	3	0	4	8	1	4	2	6	2	31	...	304	81	304.81
7 ,, . . .	...	3	5	5	6	1	6	6	3	9	37	...	355	62	355.62
8 ,, . . .	...	4	0	6	4	1	9	0	1	6	42	...	406	42	406.42
9 ,, . . .	...	4	5	7	2	2	1	3	9	3	47	...	457	22	457.22
10 ,, . . .	...	5	0	8	0	2	3	7	7	0	52	...	508	02	508.02
11 ,, . . .	...	5	5	8	8	2	6	1	4	7	58	...	558	83	558.83
12 ,, . . .	...	6	0	9	6	2	8	5	2	4	63	...	609	63	609.63
13 ,, . . .	...	6	6	0	4	3	0	9	0	1	68	...	660	43	660.43
14 ,, . . .	...	7	1	1	2	3	3	2	7	8	73	...	711	23	711.23

WEIGHTS.

I.—Avoirdupois converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams.	dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of Cubic metres.	Cubic Decimetres. dec.	Or of Measure of Capacity. Litres.	dec.
15 cwt., . . .	...	7	6	2	0	3	5	6	5	5	78	...	762 . 04	762	. 04
16 „ . . .	...	8	1	2	8	3	8	0	3	2	84	...	812 . 84	812	. 84
17 „ . . .	...	8	6	3	6	4	0	4	0	9	89	...	863 . 64	863	. 64
18 „ . . .	...	9	1	4	4	4	2	7	8	6	94	...	914 . 44	914	. 44
19 „ . . .	...	9	6	5	2	4	5	1	6	3	99	...	965 . 25	965	. 25
20 „ or 1 ton,	1	0	1	6	0	4	7	5	4	1	05	1	016 . 05	1,016	. 05
21 „ . . .	1	0	6	6	8	4	9	9	1	8	10	1	066 . 85	1,066	. 85
22 „ . . .	1	1	1	7	6	5	2	2	9	5	15	1	117 . 65	1,117	. 65
23 „ . . .	1	1	6	8	4	5	4	6	7	2	20	1	168 . 45	1,168	. 45
24 „ . . .	1	2	1	9	2	5	7	0	4	9	25	1	219 . 26	1,219	. 26
25 „ . . .	1	2	7	0	0	5	9	4	2	6	31	1	270 . 06	1,270	. 06
26 „ . . .	1	3	2	0	8	6	1	8	0	3	36	1	320 . 86	1,320	. 86
27 „ . . .	1	3	7	1	6	6	4	1	8	0	41	1	371 . 66	1,371	. 66
28 „ . . .	1	4	2	2	4	6	6	5	5	7	46	1	422 . 47	1,422	. 47
29 „ . . .	1	4	7	3	2	6	8	9	3	4	52	1	473 . 27	1,473	. 27
30 „ . . .	1	5	2	4	0	7	1	3	1	1	57	1	524 . 07	1,524	. 07
31 „ . . .	1	5	7	4	8	7	3	6	8	8	62	1	574 . 87	1,574	. 87
32 „ . . .	1	6	2	5	6	7	6	0	6	5	67	1	625 . 68	1,625	. 68
33 „ . . .	1	6	7	6	4	7	8	4	4	2	73	1	676 . 48	1,676	. 48
34 „ . . .	1	7	2	7	2	8	0	8	1	9	78	1	727 . 28	1,727	. 28
35 „ . . .	1	7	7	8	0	8	3	1	9	6	83	1	778 . 08	1,778	. 08
36 „ . . .	1	8	2	8	8	8	5	5	7	3	88	1	828 . 89	1,828	. 89
37 „ . . .	1	8	7	9	6	8	7	9	5	0	93	1	879 . 69	1,879	. 69
38 „ . . .	1	9	3	0	4	9	0	3	2	7	99	1	930 . 49	1,930	. 49
39 „ . . .	1	9	8	1	2	9	2	7	0	5	04	1	981 . 29	1,981	. 29
40 „ or 2 tons,	2	0	3	2	0	9	5	0	8	2	09	2	032 . 10	2,032	. 10
41 „ . . .	2	0	8	2	8	9	7	4	5	9	14	2	082 . 90	2,082	. 90
42 „ . . .	2	1	3	3	6	9	9	8	3	6	20	2	133 . 70	2,133	. 70
43 „ . . .	2	1	8	4	5	0	2	2	1	3	25	2	184 . 50	2,184	. 50
44 „ . . .	2	2	3	5	3	0	4	5	9	0	30	2	235 . 30	2,235	. 30
45 „ . . .	2	2	8	6	1	0	6	9	6	7	35	2	286 . 11	2,286	. 11
46 „ . . .	2	3	3	6	9	0	9	3	4	4	41	2	336 . 91	2,336	. 91
47 „ . . .	2	3	8	7	7	1	1	7	2	1	46	2	387 . 71	2,387	. 71
48 „ . . .	2	4	3	8	5	1	4	0	9	8	51	2	438 . 51	2,438	. 51
49 „ . . .	2	4	8	9	3	1	6	4	7	5	56	2	489 . 32	2,489	. 32
50 „ . . .	2	5	4	0	1	1	8	8	5	2	61	2	540 . 12	2,540	. 12
51 „ . . .	2	5	9	0	9	2	1	2	2	9	67	2	590 . 92	2,590	. 92
52 „ . . .	2	6	4	1	7	2	3	6	0	6	72	2	641 . 72	2,641	. 72
53 „ . . .	2	6	9	2	5	2	5	9	8	3	77	2	692 . 53	2,692	. 53
54 „ . . .	2	7	4	3	3	2	8	3	6	0	82	2	743 . 33	2,743	. 33
55 „ . . .	2	7	9	4	1	3	0	7	3	7	88	2	794 . 13	2,794	. 13
56 „ . . .	2	8	4	4	9	3	3	1	1	4	93	2	844 . 93	2,844	. 93
57 „ . . .	2	8	9	5	7	3	5	4	9	1	98	2	895 . 74	2,895	. 74
58 „ . . .	2	9	4	6	5	3	7	8	6	9	03	2	946 . 54	2,946	. 54
59 „ . . .	2	9	9	7	3	4	0	2	4	6	09	2	997 . 34	2,997	. 34
60 „ or 3 tons,	3	0	4	8	1	4	2	6	2	3	14	3	048 . 14	3,048	. 14
61 „ . . .	3	0	9	8	9	4	5	0	0	0	19	3	098 . 95	3,098	. 95
62 „ . . .	3	1	4	9	7	4	7	3	7	7	24	3	149 . 75	3,149	. 75
63 „ . . .	3	2	0	0	5	4	9	7	5	4	29	3	200 . 55	3,200	. 55
64 „ . . .	3	2	5	1	3	5	2	1	3	1	35	3	251 . 35	3,251	. 35

WEIGHTS.

I.—Avoirdupois converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams.	dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of: Cubic Metres.	Cubic Decimetres. dec.	Or of Measure of Capacity: Litres. dec.
65 cwt., . . .	3	3	0	2	1	5	4	5	0	8	40	3	302 . 15	3,302 . 15
66 ,, . . .	3	3	5	2	9	5	6	8	8	5	45	3	352 . 96	3,352 . 96
67 ,, . . .	3	4	0	3	7	5	9	2	6	2	50	3	403 . 76	3,403 . 76
68 ,, . . .	3	4	5	4	5	6	1	6	3	9	56	3	454 . 56	3,454 . 56
69 ,, . . .	3	5	0	5	3	6	4	0	1	6	61	3	505 . 36	3,505 . 36
70 ,, . . .	3	5	5	6	1	6	6	3	9	3	66	3	556 . 17	3,556 . 17
71 ,, . . .	3	6	0	6	9	6	8	7	7	0	71	3	606 . 97	3,606 . 97
72 ,, . . .	3	6	5	7	7	7	1	1	4	7	76	3	657 . 77	3,657 . 77
73 ,, . . .	3	7	0	8	5	7	3	5	2	4	82	3	708 . 57	3,708 . 57
74 ,, . . .	3	7	5	9	3	7	5	9	0	1	87	3	759 . 38	3,759 . 38
75 ,, . . .	3	8	1	0	1	7	8	2	7	8	92	3	810 . 18	3,810 . 18
76 ,, . . .	3	8	6	0	9	8	0	6	5	5	97	3	860 . 98	3,860 . 98
77 ,, . . .	3	9	1	1	7	8	3	0	3	3	03	3	911 . 78	3,911 . 78
78 ,, . . .	3	9	6	2	5	8	5	4	1	0	08	3	962 . 59	3,962 . 59
79 ,, . . .	4	0	1	3	3	8	7	7	8	7	13	4	013 . 39	4,013 . 39
80 ,, or 4 tons,	4	0	6	4	1	9	0	1	6	4	18	4	064 . 19	4,064 . 19
81 ,, . . .	4	1	1	4	9	9	2	5	4	1	24	4	114 . 99	4,114 . 99
82 ,, . . .	4	1	6	5	7	9	4	9	1	8	29	4	165 . 79	4,165 . 79
83 ,, . . .	4	2	1	6	5	9	7	2	9	5	34	4	216 . 60	4,216 . 60
84 ,, . . .	4	2	6	7	3	9	9	6	7	2	39	4	267 . 40	4,267 . 40
85 ,, . . .	4	3	1	8	2	0	2	0	4	9	44	4	318 . 20	4,318 . 20
86 ,, . . .	4	3	6	9	0	0	4	4	2	6	50	4	369 . 00	4,369 . 00
87 ,, . . .	4	4	1	9	8	0	6	8	0	3	55	4	419 . 81	4,419 . 81
88 ,, . . .	4	4	7	0	6	0	9	1	8	0	60	4	470 . 61	4,470 . 61
89 ,, . . .	4	5	2	1	4	1	1	5	5	7	65	4	521 . 41	4,521 . 41
90 ,, . . .	4	5	7	2	2	1	3	9	3	4	71	4	572 . 21	4,572 . 21
91 ,, . . .	4	6	2	3	0	1	6	3	1	1	76	4	623 . 02	4,623 . 02
92 ,, . . .	4	6	7	3	8	1	8	6	8	8	81	4	673 . 82	4,673 . 82
93 ,, . . .	4	7	2	4	6	2	1	0	6	5	86	4	724 . 62	4,724 . 62
94 ,, . . .	4	7	7	5	4	2	3	4	4	2	92	4	775 . 42	4,775 . 42
95 ,, . . .	4	8	2	6	2	2	5	8	1	9	97	4	826 . 23	4,826 . 23
96 ,, . . .	4	8	7	7	0	2	8	1	9	7	02	4	877 . 03	4,877 . 03
97 ,, . . .	4	9	2	7	8	3	0	5	7	4	07	4	927 . 83	4,927 . 83
98 ,, . . .	4	9	7	8	6	3	2	9	5	1	12	4	978 . 63	4,978 . 63
99 ,, . . .	5	0	2	9	4	3	5	3	2	8	18	5	029 . 44	5,029 . 44
100 ,, or 5 tons,	5	0	8	0	2	3	7	7	0	5	23	5	080 . 24	5,080 . 24
6 tons, . . .	6	0	9	6	2	8	5	2	4	6	27	6	096 . 29	6,096 . 29
7 ,, . . .	7	1	1	2	3	3	2	7	8	7	32	7	112 . 33	7,112 . 33
8 ,, . . .	8	1	2	8	3	8	0	3	2	8	37	8	128 . 38	8,128 . 38
9 ,, . . .	9	1	4	4	4	2	7	8	6	9	41	9	144 . 43	9,144 . 43
10 ,, or 200 cwt.,	10	1	6	0	4	7	5	4	1	0	46	10	160 . 48	10,160 . 48
20 ,, 400 ,,	20	3	2	0	9	5	0	8	2	0	92	20	320 . 95	20,320 . 95
30 ,, 600 ,,	30	4	8	1	4	2	6	2	3	1	37	30	481 . 43	30,481 . 43
40 ,, 800 ,,	40	6	4	1	9	0	1	6	4	1	83	40	641 . 90	40,641 . 90
50 ,, 1000 ,,	50	8	0	2	3	7	7	0	5	2	29	50	802 . 38	50,802 . 38
60 ,, . . .	60	9	6	2	8	5	2	4	6	2	75	60	962 . 85	60,962 . 85
70 ,, . . .	71	1	2	3	3	2	7	8	7	3	21	71	123 . 33	71,123 . 33
80 ,, . . .	81	2	8	3	8	0	3	2	8	3	67	81	283 . 80	81,283 . 80
90 ,, . . .	91	4	4	4	2	7	8	6	9	4	12	91	444 . 28	91,444 . 28
100 ,, . . .	101	6	0	4	7	5	4	1	0	4	58	101	604 . 75	101,604 . 75

WEIGHTS.

II.—Metric converted into Avoirdupois.

	Cwts.	Stones.	Pounds.	Ounces.	Drams. decimals.	OR THUS Cwts. decimals.	OR THUS Pounds. decimals.
1 Milligram,	...	...	...	...	0 · 000564	0 · 000000020	0 · 0000022
2 „	...	...	...	...	0 · 001129	0 · 000000039	0 · 0000044
3 „	...	...	...	...	0 · 001693	0 · 000000059	0 · 0000066
4 „	...	...	...	...	0 · 002258	0 · 000000079	0 · 0000088
5 „	...	...	...	...	0 · 002822	0 · 000000098	0 · 0000110
6 „	...	...	...	...	0 · 003386	0 · 000000118	0 · 0000132
7 „	...	...	...	...	0 · 003951	0 · 000000138	0 · 0000154
8 „	...	...	...	...	0 · 004515	0 · 000000157	0 · 0000176
9 „	...	...	...	...	0 · 005079	0 · 000000177	0 · 0000198
1 Centigram,	...	...	...	...	0 · 005644	0 · 000000197	0 · 0000220
2 „	...	...	...	...	0 · 011288	0 · 000000394	0 · 0000441
3 „	...	...	...	...	0 · 016931	0 · 000000591	0 · 0000661
4 „	...	...	...	...	0 · 022575	0 · 000000787	0 · 0000882
5 „	...	...	...	...	0 · 028219	0 · 000000984	0 · 0001102
6 „	...	...	...	...	0 · 033863	0 · 000001181	0 · 0001323
7 „	...	...	...	...	0 · 039507	0 · 000001378	0 · 0001543
8 „	...	...	...	...	0 · 045151	0 · 000001575	0 · 0001764
9 „	...	...	...	...	0 · 050794	0 · 000001772	0 · 0001984
1 Decigram,	...	...	...	...	0 · 056438	0 · 00000197	0 · 0002205
2 „	...	...	...	...	0 · 112877	0 · 00000394	0 · 0004409
3 „	...	...	...	...	0 · 169315	0 · 00000591	0 · 0006614
4 „	...	...	...	...	0 · 225753	0 · 00000787	0 · 0008818
5 „	...	...	...	...	0 · 282192	0 · 00000984	0 · 0011023
6 „	...	...	...	...	0 · 338630	0 · 00001181	0 · 0013228
7 „	...	...	...	...	0 · 395068	0 · 00001378	0 · 0015432
8 „	...	...	...	...	0 · 451506	0 · 00001575	0 · 0017637
9 „	...	...	...	...	0 · 507945	0 · 00001772	0 · 0019842
1 Gram,	...	...	...	...	0 · 564383	0 · 0000197	0 · 0022046
2 „	...	...	...	...	1 · 128766	0 · 0000394	0 · 0044092
3 „	...	...	...	...	1 · 693149	0 · 0000591	0 · 0066139
4 „	...	...	...	...	2 · 257532	0 · 0000787	0 · 0088185
5 „	...	...	...	...	2 · 821915	0 · 0000984	0 · 0110231
6 „	...	...	...	...	3 · 386298	0 · 0001181	0 · 0132277
7 „	...	...	...	...	3 · 950681	0 · 0001378	0 · 0154323
8 „	...	...	...	...	4 · 515064	0 · 0001575	0 · 0176370
9 „	...	...	...	...	5 · 079447	0 · 0001772	0 · 0198416
1 Dekagram,	...	...	...	...	5 · 643830	0 · 0001968	0 · 022046
2 „	...	...	...	...	11 · 287661	0 · 0003937	0 · 044092
3 „	...	...	...	1	0 · 931491	0 · 0005905	0 · 066139
4 „	...	...	...	1	6 · 575322	0 · 0007874	0 · 088185
5 „	...	...	...	1	12 · 219152	0 · 0009842	0 · 110231
6 „	...	...	...	2	1 · 862982	0 · 0011810	0 · 132277
7 „	...	...	...	2	7 · 506813	0 · 0013779	0 · 154323
8 „	...	...	...	2	13 · 150643	0 · 0015747	0 · 176370
9 „	...	...	...	3	2 · 794474	0 · 0017716	0 · 198416
1 Hectogram,	...	...	...	3	8 · 438304	0 · 0019684	0 · 220462
2 „	...	...	...	7	0 · 876608	0 · 0039368	0 · 440924
3 „	...	...	...	10	9 · 314912	0 · 0059052	0 · 661386
4 „	...	...	...	14	1 · 753216	0 · 0078736	0 · 881849
5 „	...	...	1	1	10 · 191520	0 · 0098421	1 · 102311

WEIGHTS.

II.—Metric converted into Avoirdupois.

	Cwts.	Stones.	Pounds.	Ounces.	Drams. decimals.	OR THUS Cwts. decimals.	OR THUS Pounds. decimals
6 Hectograms,	...	...	1	5	2 · 629824	0 · 01181	1 · 32277
7 ,,	...	...	1	8	11 · 068128	0 · 01378	1 · 54323
8 ,,	...	...	1	12	3 · 506432	0 · 01575	1 · 76370
9 ,,	...	...	1	15	11 · 944736	0 · 01772	1 · 98416
1 Kilogram,	...	...	2	3	4 · 38304	0 · 01968	2 · 20462
2 ,,	...	...	4	6	8 · 76608	0 · 03937	4 · 40924
3 ,,	...	...	6	9	13 · 14912	0 · 05905	6 · 61386
4 ,,	...	...	8	13	1 · 53216	0 · 07874	8 · 81849
5 ,,	...	...	11	0	5 · 91520	0 · 09842	11 · 02311
6 ,,	...	...	13	3	10 · 29824	0 · 11810	13 · 22773
7 ,,	...	1	1	6	14 · 68128	0 · 13779	15 · 43235
8 ,,	...	1	3	10	3 · 06432	0 · 15747	17 · 63697
9 ,,	...	1	5	13	7 · 44736	0 · 17716	19 · 84159
1 Myriagram,	...	1	8	0	11 · 8304	0 · 19684	22 · 04621
2 ,,	...	3	2	1	7 · 6608	0 · 39368	44 · 09243
3 ,,	...	4	10	2	3 · 4912	0 · 59052	66 · 13864
4 ,,	...	6	4	2	15 · 3216	0 · 78736	88 · 18485
5 ,,	...	7	12	3	11 · 1520	0 · 98421	110 · 23106
6 ,,	1	1	6	4	6 · 9824	1 · 18105	132 · 27728
7 ,,	1	3	0	5	2 · 8128	1 · 37789	154 · 32349
8 ,,	1	4	8	5	14 · 6432	1 · 57473	176 · 36970
9 ,,	1	6	2	6	10 · 4736	1 · 77157	198 · 41591
1 Quintal,	1	7	10	7	6 · 304	1 · 96841	220 · 46213
2 ,,	3	7	6	14	12 · 608	3 · 93682	440 · 92425
3 ,,	5	7	3	6	2 · 912	5 · 90524	661 38638
4 ,,	7	6	13	13	9 · 216	7 · 87365	881 · 84850
5 ,,	9	6	10	4	15 · 520	9 · 84206	1,102 · 30163
6 ,,	11	6	6	12	5 · 824	11 · 81047	1,322 · 77275
7 ,,	13	6	3	3	12 · 128	13 · 77888	1,543 · 23488
8 ,,	15	5	13	11	2 · 432	15 · 74729	1,763 · 69700
9 ,,	17	5	10	2	8 · 736	17 · 71571	1,984 · 15913
1 Millier,	19	5	6	9	15 · 04	19 · 6841	2,204 · 62125
2 ,,	39	2	13	3	14 · 08	39 · 3682	4,409 · 24250
3 ,,	59	0	5	13	13 · 12	59 · 0524	6,613 · 86375
4 ,,	78	5	12	7	12 · 16	78 · 7365	8,818 · 48500
5 ,,	98	3	5	1	11 · 20	98 · 4206	11,023 · 10625
6 ,,	118	0	11	11	10 · 24	118 · 1047	13,227 · 72750
7 ,,	137	6	4	5	9 · 28	137 · 7888	15,432 · 34875
8 ,,	157	3	10	15	8 · 32	157 · 4729	17,636 · 97000
9 ,,	177	1	3	9	7 · 36	177 · 1571	19,841 · 59125
10 ,,	196	6	10	3	6 · 40	196 · 8412	22,046 · 21250
11 ,,	216	4	2	13	5 · 44	216 · 5253	24,250 · 83375
12 ,,	236	1	9	7	4 · 48	236 · 2094	26,455 · 45500
13 ,,	255	7	2	1	3 · 52	255 · 8935	28,660 · 07625
14 ,,	275	4	8	11	2 · 56	275 · 5777	30,864 · 69750
15 ,,	295	2	1	5	1 · 60	295 · 2618	33,069 · 31875
16 ,,	314	7	7	15	0 · 64	314 · 9459	35,273 · 94000
17 ,,	334	5	0	8	15 · 68	334 · 6300	37,478 · 56125
18 ,,	354	2	7	2	14 · 72	354 · 3141	39,683 · 18250
19 ,,	373	7	13	12	13 · 76	373 · 9982	41,887 · 80375

WEIGHTS.

II.—Metric converted into Avoirdupois.

	Cwts.	Stones.	Pounds.	Ounces.	Drams. dec.	OR THUS wts. decimals.	OR THUS Pounds. decimals.
20 Milliers, . . .	393	5	6	6	12 · 80	393 · 6824	44,092 · 42500
21 ,, . . .	413	2	13	0	11 · 84	413 · 3665	46,297 · 04625
22 ,, . . .	433	0	5	10	10 · 88	433 · 0506	48,501 · 66750
23 ,, . . .	452	5	12	4	9 · 92	452 · 7347	50,706 · 28875
24 ,, . . .	472	3	4	14	8 · 96	472 · 4188	52,910 · 91000
25 ,, . . .	492	0	11	8	8 · 00	492 · 1030	55,115 · 53125
26 ,, . . .	511	6	4	2	7 · 04	511 · 7871	57,320 · 15250
27 ,, . . .	531	3	10	12	6 · 08	531 · 4712	59,524 · 77375
28 ,, . . .	551	1	3	6	5 · 12	551 · 1553	61,729 · 39500
29 ,, . . .	570	6	10	0	4 · 16	570 · 8394	63,934 · 01625
30 ,, . . .	590	4	2	10	3 · 20	590 · 5235	66,138 · 63750
31 ,, . . .	610	1	9	4	2 · 24	610 · 2077	68,343 · 25875
32 ,, . . .	629	7	1	14	1 · 28	629 · 8918	70,547 · 88000
33 ,, . . .	649	4	8	8	0 · 32	649 · 5759	72,752 · 50125
34 ,, . . .	669	2	1	1	15 · 36	669 · 2600	74,957 · 12250
35 ,, . . .	688	7	7	11	14 · 40	688 · 9441	77,161 · 74375
36 ,, . . .	708	5	0	5	13 · 44	708 · 6283	79,366 · 36500
37 ,, . . .	728	2	6	15	12 · 48	728 · 3124	81,570 · 98625
38 ,, . . .	747	7	13	9	11 · 52	747 · 9965	83,775 · 60750
39 ,, . . .	767	5	6	3	10 · 56	767 · 6806	85,980 · 22875
40 ,, . . .	787	2	12	13	9 · 60	787 · 3647	88,184 · 85000
41 ,, . . .	807	0	5	7	8 · 64	807 · 0489	90,389 · 47125
42 ,, . . .	826	5	12	1	7 · 68	826 · 7330	92,594 · 09250
43 ,, . . .	846	3	4	11	6 · 72	846 · 4171	94,798 · 71375
44 ,, . . .	866	0	11	5	5 · 76	866 · 1012	97,003 · 33500
45 ,, . . .	885	6	3	15	4 · 80	885 · 7853	99,207 · 95625
46 ,, . . .	905	3	10	9	3 · 84	905 · 4694	101,412 · 57750
47 ,, . . .	925	1	3	3	2 · 88	925 · 1536	103,617 · 19875
48 ,, . . .	944	6	9	13	1 · 92	944 · 8377	105,821 · 82000
49 ,, . . .	964	4	2	7	0 · 96	964 · 5218	108,026 · 44125
50 ,, . . .	984	1	9	1	0 · 00	984 · 2059	110,231 · 06250
51 ,, . . .	1003	7	1	10	15 · 04	1,003 · 8900	112,435 · 68375
52 ,, . . .	1023	4	8	4	14 · 08	1,023 · 5742	114,640 · 30500
53 ,, . . .	1043	2	0	14	13 · 12	1,043 · 2583	116,844 · 92625
54 ,, . . .	1062	7	7	8	12 · 16	1,062 · 9424	119,049 · 54750
55 ,, . . .	1082	5	0	2	11 · 20	1,082 · 6265	121,254 · 16875
56 ,, . . .	1102	2	6	12	10 · 24	1,102 · 3106	123,458 · 79000
57 ,, . . .	1121	7	13	6	9 · 28	1,121 · 9947	125,663 · 41125
58 ,, . . .	1141	5	6	0	8 · 32	1,141 · 6789	127,868 · 03250
59 ,, . . .	1161	2	12	10	7 · 36	1,161 · 3630	130,072 · 65375
60 ,, . . .	1181	0	5	4	6 · 40	1,181 · 0471	132,277 · 27500
61 ,, . . .	1200	5	11	14	5 · 44	1,200 · 7312	134,481 · 89625
62 ,, . . .	1220	3	4	8	4 · 48	1,220 · 4153	136,686 · 51750
63 ,, . . .	1240	0	11	2	3 · 52	1,240 · 0995	138,891 · 13875
64 ,, . . .	1259	6	3	12	2 · 56	1,259 · 7836	141,095 · 76000
65 ,, . . .	1279	3	10	6	1 · 60	1,279 · 4677	143,300 · 38125
66 ,, . . .	1299	1	3	0	0 · 64	1,299 · 1518	145,505 · 00250
67 ,, . . .	1318	6	9	9	15 · 68	1,318 · 8359	147,709 · 62375
68 ,, . . .	1338	4	2	3	14 · 72	1,338 · 5200	149,914 · 24500
69 ,, . . .	1358	1	8	13	13 · 76	1,358 · 2042	152,118 · 86625

WEIGHTS.

II.—Metric converted into Avoirdupois.

	Cwts.	Stones.	Pounds.	Ounces.	Drams. dec.	OR THUS Cwts. decimals.	OR THUS Pounds. decimals.
70 Milliers,	1,377	7	1	7	12 · 80	1,377 · 8883	154,323 · 48750
71 „	1,397	4	8	1	11 · 84	1,397 · 5724	156,528 · 10875
72 „	1,417	2	0	11	10 · 88	1,417 · 2565	158,732 · 73000
73 „	1,436	7	7	5	9 · 92	1,436 · 9406	160,937 · 35125
74 „	1,456	4	13	15	8 · 96	1,456 · 6248	163,141 · 97250
75 „	1,476	2	6	9	8 · 00	1,476 · 3089	165,346 · 59375
76 „	1,495	7	13	3	7 · 04	1,495 · 9930	167,551 · 21500
77 „	1,515	5	5	13	6 · 08	1,515 · 6771	169,755 · 83625
78 „	1,535	2	12	7	5 · 12	1,535 · 3612	171,960 · 45750
79 „	1,555	0	5	1	4 · 16	1,555 · 0453	174,165 · 07875
80 „	1,574	5	11	11	3 · 20	1,574 · 7295	176,369 · 70000
81 „	1,594	3	4	5	2 · 24	1,594 · 4136	178,574 · 32125
82 „	1,614	0	10	15	1 · 28	1,614 · 0977	180,778 · 94250
83 „	1,633	6	3	9	0 · 32	1,633 · 7818	182,983 · 56375
84 „	1,653	3	10	2	15 · 36	1,653 · 4659	185,188 · 18500
85 „	1,673	1	2	12	14 · 40	1,673 · 1501	187,392 · 80625
86 „	1,692	6	9	6	13 · 44	1,692 · 8342	189,597 · 42750
87 „	1,712	4	2	0	12 · 48	1,712 · 5183	191,802 · 04875
88 „	1,732	1	8	10	11 · 52	1,732 · 2024	194,006 · 67000
89 „	1,751	7	1	4	10 · 56	1,751 · 8865	196,211 · 29125
90 „	1,771	4	7	14	9 · 60	1,771 · 5706	198,415 · 91250
91 „	1,791	2	0	8	8 · 64	1,791 · 2548	200,620 · 53375
92 „	1,810	7	7	2	7 · 68	1,810 · 9389	202,825 · 15500
93 „	1,830	4	13	12	6 · 72	1,830 · 6230	205,029 · 77625
94 „	1,850	2	6	6	5 · 76	1,850 · 3071	207,234 · 39750
95 „	1,869	7	13	0	4 · 80	1,869 · 9912	209,439 · 01875
96 „	1,889	5	5	10	3 · 84	1,889 · 6754	211,643 · 64000
97 „	1,909	2	12	4	2 · 88	1,909 · 3595	213,848 · 26125
98 „	1,929	0	4	14	1 · 92	1,929 · 0436	216,052 · 88250
99 „	1,948	5	11	8	0 · 96	1,948 · 7277	218,257 · 50375
100 „	1,968	3	4	2	0 · 00	1,968 · 4118	220,462 · 125
200 „	3,936	6	8	4	... ...	3,936 · 824	440,924 · 250
300 „	5,905	1	12	6	... ...	5,905 · 235	661,386 · 375
400 „	7,873	5	2	8	... ...	7,873 · 647	881,848 · 500
500 „	9,842	0	6	10	... ...	9,842 · 059	1,102,310 · 625
600 „	11,810	3	10	12	... ...	11,810 · 471	1,322,772 · 750
700 „	13,778	7	0	14	... ...	13,778 · 883	1,543,234 · 875
800 „	15,747	2	5	0	... ...	15,747 · 295	1,763,697 · 000
900 „	17,715	5	9	2	... ...	17,715 · 706	1,984,159 · 125
1,000 „	19,684	0	13	4	... ...	19,684 · 118	2,204,621 · 250
2,000 „	39,368	1	12	8	... ...	39,368 · 237	4,409,242 · 50
3,000 „	59,052	2	11	12	... ...	59,052 · 355	6,613,863 · 75
4,000 „	78,736	3	11	0	... ...	78,736 · 473	8,818,485 · 00
5,000 „	98,420	4	10	4	... ...	98,420 · 592	11,023,106 · 25
6,000 „	118,104	5	9	8	... ...	118,104 · 710	13,227,727 · 50
7,000 „	137,788	6	8	12	... ...	137,788 · 828	15,432,348 · 75
8,000 „	157,472	7	8	0	... ...	157,472 · 946	17,636,970 · 00
9,000 „	177,157	0	7	4	... ...	177,157 · 065	19,841,591 · 25
10,000 „	196,841	1	6	8	... ...	196,841 · 183	22,046,212 · 50

WEIGHTS.

III.—Troy converted into Metric.

	Millers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams. decimals.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of Cubic Centimetres. dec.	EQUIVALENTS: Or of Measure of Capacity. Centilitres. dec.
1 grain,	...	...	...	...	...	...	...	...	6	4 . 798950	0 . 0648	0 . 00648
2 ,,	...	...	...	...	...	...	...	1	2	9 · 597901	0 . 1296	0 . 01296
3 ,,	...	...	...	...	...	...	...	1	9	4 · 396851	0 . 1944	0 . 01944
4 ,,	...	...	...	...	...	...	...	2	5	9 · 195801	0 . 2592	0 . 02592
5 ,,	...	...	...	...	...	...	...	3	2	3 · 994752	0 . 3240	0 . 03240
6 ,,	...	...	...	...	...	...	...	3	8	8 · 793702	0 . 3888	0 . 03888
7 ,,	...	...	...	...	...	...	...	4	5	3 · 592652	0 . 4536	0 . 04536
8 ,,	...	...	...	...	...	...	...	5	1	8 · 391603	0 . 5184	0 . 05184
9 ,,	...	...	...	...	...	...	...	5	8	3 · 190553	0 . 5832	0 . 05832
10 ,,	...	...	...	...	...	...	...	6	4	7 · 989503	0 . 6480	0 . 06480
11 ,,	...	...	...	...	...	...	...	7	1	2 · 788454	0 . 7128	0 . 07128
12 ,,	...	...	...	...	...	...	...	7	7	7 · 587404	0 . 7776	0 . 07776
13 ,,	...	...	...	...	...	...	...	8	4	2 · 386354	0 . 8424	0 . 08424
14 ,,	...	...	...	...	...	...	...	9	0	7 · 185305	0 . 9072	0 . 09072
15 ,,	...	...	...	...	...	...	...	9	7	1 · 984255	0 . 9720	0 . 09720
16 ,,	...	...	...	...	...	...	1	0	3	6 · 783205	1 . 0368	0 . 10368
17 ,,	...	...	...	...	...	...	1	1	0	1 · 582155	1 . 1016	0 . 11016
18 ,,	...	...	...	...	...	...	1	1	6	6 · 381106	1 . 1664	0 . 11664
19 ,,	...	...	...	...	...	...	1	2	3	1 · 180056	1 . 2312	0 . 12312
20 ,,	...	...	...	...	...	...	1	2	9	5 · 979006	1 . 2960	0 . 12960
21 ,,	...	...	...	...	...	...	1	3	6	0 · 777957	1 . 3608	0 . 13608
22 ,,	...	...	...	...	...	...	1	4	2	5 · 576907	1 . 4256	0 . 14256
23 ,,	...	...	...	...	...	...	1	4	9	0 · 375857	1 . 4904	0 . 14904
1 pennyweight,	...	...	...	...	...	...	1	5	5	5 · 174808	1 . 5552	0 . 15552
2 ,,	...	...	...	...	...	...	3	1	1	0 · 349615	3 . 1103	0 . 31103
3 ,,	...	...	...	...	...	...	4	6	6	5 · 524423	4 . 6655	0 . 46655
4 ,,	...	...	...	...	...	...	6	2	2	0 · 699231	6 . 2207	0 . 62207
5 ,,	...	...	...	...	...	...	7	7	7	5 · 874039	7 . 7759	0 . 77759
6 ,,	...	...	...	...	...	...	9	3	3	1 · 048846	9 . 3310	0 . 93310
7 ,,	...	...	...	...	...	1	0	8	8	6 · 223654	10 . 8862	1 . 08862
8 ,,	...	...	...	...	...	1	2	4	4	1 · 398462	12 . 4414	1 . 24414
9 ,,	...	...	...	...	...	1	3	9	9	6 · 573269	13 . 9966	1 . 39966
10 ,,	...	...	...	...	...	1	5	5	5	1 · 748077	15 . 5517	1 . 55517
11 ,,	...	...	...	...	...	1	7	1	0	6 · 922885	17 . 1069	1 . 71069
12 ,,	...	...	...	...	...	1	8	6	6	2 · 097693	18 . 6621	1 . 86621
13 ,,	...	...	...	...	..	2	0	2	1	7 · 272500	20 . 2173	2 . 02173
14 ,,	...	...	...	...	...	2	1	7	7	2 · 447308	21 . 7724	2 . 17724
15 ,,	...	...	...	...	...	2	3	3	2	7 · 622116	23 . 3276	2 . 33276
16 ,,	...	...	...	...	...	2	4	8	8	2 · 796924	24 . 8828	2 . 48828
17 ,,	...	...	...	...	...	2	6	4	3	7 · 971731	26 . 4380	2 . 64380
18 ,,	...	...	...	...	...	2	7	9	9	3 · 146539	27 . 9931	2 . 79931
19 ,,	...	...	...	...	...	2	9	5	4	8 · 321347	29 . 5483	2 . 95483
1 ounce,	...	...	...	...	...	3	1	1	0	3 · 496154	31 . 1035	3 . 11035
2 ,,	...	...	...	...	...	6	2	2	0	6 · 992308	62 . 2070	6 . 22070
3 ,,	...	...	...	...	...	9	3	3	1	0 · 488462	93 . 3105	9 . 33105
4 ,,	...	...	...	...	1	2	4	4	1	3 · 984616	124 . 4140	12 . 44140
5 ,,	...	...	...	...	1	5	5	5	1	7 · 480770	155 . 5175	15 . 55175
6 ,,	...	...	...	...	1	8	6	6	2	0 · 976924	186 . 6210	18 . 66210
7 ,,	...	...	...	...	2	1	7	7	2	4 · 473078	217 . 7245	21 . 77245
8 ,,	...	...	...	...	2	4	8	8	2	7 · 969232	248 . 8280	24 . 88280

WEIGHTS.

III.—Troy converted into Metric.

	Millers.	Quintals.	Myriagrams.	Kilograms	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams. dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of: Cubic Decimetres.	Cubic Centimetres. dec.	Or of Measure of Capacity. Litres. dec.
9 ounces, . .	...	...	...	...	2	7	9	9	3	1 · 465386	...	279 · 931	0 . 279931
10 ,, . . .	...	...	...	...	3	1	1	0	3	4 · 961540	...	311 · 035	0 . 311035
11 ,, . . .	...	...	...	...	3	4	2	1	3	8 · 457694	...	342 · 138	0 . 342138
1 pound, . .	...	...	...	...	3	7	3	2	4	1 · 953848	...	373 · 242	0 . 373242
2 ,, . . .	...	...	...	...	7	4	6	4	8	3 · 90770	...	746 · 484	0 . 746484
3 ,, . . .	...	...	...	1	1	1	9	7	2	5 · 86155	1	119 · 726	1 . 119726
4 ,, . . .	...	...	...	1	4	9	2	9	6	7 · 81540	1	492 · 968	1 . 492968
5 ,, . . .	...	...	...	1	8	6	6	2	0	9 · 76925	1	866 · 210	1 . 866210
6 ,, . . .	...	...	...	2	2	3	9	4	5	1 · 72310	2	239 · 452	2 . 239452
7 ,, . . .	...	...	...	2	6	1	2	6	9	3 · 67695	2	612 · 694	2 . 612694
8 ,, . . .	...	...	...	2	9	8	5	9	3	5 · 63080	2	985 · 936	2 . 985936
9 ,, . . .	...	...	...	3	3	5	9	1	7	7 · 58465	3	359 · 178	3 . 359178
10 ,, . . .	...	...	...	3	7	3	2	4	1	9 · 53850	3	732 · 420	3 . 732420
11 ,, . . .	...	...	...	4	1	0	5	6	6	1 · 49235	4	105 · 661	4 . 105661
12 ,, . . .	...	...	...	4	4	7	8	9	0	3 · 44620	4	478 · 903	4 . 478903
13 ,, . . .	...	...	...	4	8	5	2	1	4	5 · 40005	4	852 · 145	4 . 852145
14 ,, . . .	...	...	...	5	2	2	5	3	8	7 · 35390	5	225 · 387	5 . 225387
15 ,, . . .	...	...	...	5	5	9	8	6	2	9 · 30775	5	598 · 629	5 . 598629
16 ,, . . .	...	...	...	5	9	7	1	8	7	1 · 26160	5	971 · 871	5 . 971871
17 ,, . . .	...	...	...	6	3	4	5	1	1	3 · 21545	6	345 · 113	6 . 345113
18 ,, . . .	...	...	...	6	7	1	8	3	5	5 · 16930	6	718 · 355	6 . 718355
19 ,, . . .	...	...	...	7	0	9	1	5	9	7 · 12315	7	091 · 597	7 . 091597
20 ,, . . .	...	...	...	7	4	6	4	8	3	9 · 07700	7	464 · 839	7 . 464839
21 ,, . . .	...	...	...	7	8	3	8	0	8	1 · 03085	7	838 · 081	7 . 838081
22 ,, . . .	...	...	...	8	2	1	1	3	2	2 · 98470	8	211 · 323	8 . 211323
23 ,, . . .	...	...	...	8	5	8	4	5	6	4 · 93855	8	584 · 565	8 . 584565
24 ,, . . .	...	...	...	8	9	5	7	8	0	6 · 89240	8	957 · 807	8 . 957807
25 ,, . . .	...	...	...	9	3	3	1	0	4	8 · 84625	9	331 · 049	9 . 331049
26 ,, . . .	...	...	...	9	7	0	4	2	9	0 · 80010	9	704 · 291	9 . 704291
27 ,, . . .	...	...	1	0	0	7	7	5	3	2 · 75395	10	077 · 533	10 . 077533
28 ,, . . .	...	...	1	0	4	5	0	7	7	4 · 70780	10	450 · 775	10 . 450775
29 ,, . . .	...	...	1	0	8	2	4	0	1	6 · 66165	10	824 · 017	10 . 824017
30 ,, . . .	...	...	1	1	1	9	7	2	5	8 · 61550	11	197 · 259	11 . 197259
31 ,, . . .	...	...	1	1	5	7	0	5	0	0 · 56935	11	570 · 501	11 . 570501
32 ,, . . .	...	...	1	1	9	4	3	7	4	2 · 52320	11	943 · 743	11 . 943743
33 ,, . . .	...	...	1	2	3	1	6	9	8	4 · 47705	12	316 · 984	12 . 316984
34 ,, . . .	...	...	1	2	6	9	0	2	2	6 · 43090	12	690 · 226	12 . 690226
35 ,, . . .	...	...	1	3	0	6	3	4	6	8 · 38475	13	063 · 468	13 . 063468
36 ,, . . .	...	...	1	3	4	3	6	7	1	0 · 33860	13	436 · 710	13 . 436710
37 ,, . . .	...	...	1	3	8	0	9	9	5	2 · 29245	13	809 · 952	13 . 809952
38 ,, . . .	...	...	1	4	1	8	3	1	9	4 · 24630	14	183 · 194	14 . 183194
39 ,, . . .	...	...	1	4	5	5	6	4	3	6 · 20015	14	556 · 436	14 . 556436
40 ,, . . .	...	...	1	4	9	2	9	6	7	8 · 15400	14	929 · 678	14 . 929678
41 ,, . . .	...	...	1	5	3	0	2	9	2	0 · 10785	15	302 · 920	15 . 302920
42 ,, . . .	...	...	1	5	6	7	6	1	6	2 · 06170	15	676 · 162	15 . 676162
43 ,, . . .	...	...	1	6	0	4	9	4	0	4 · 01555	16	049 · 404	16 . 049404
44 ,, . . .	...	...	1	6	4	2	2	6	4	5 · 96940	16	422 · 646	16 . 422646
45 ,, . . .	...	...	1	6	7	9	5	8	8	7 · 92325	16	795 · 888	16 . 795888
46 ,, . . .	...	...	1	7	1	6	9	1	2	9 · 87710	17	169 · 130	17 . 169130
47 ,, . . .	...	...	1	7	5	4	2	3	7	1 · 83095	17	542 · 372	17 . 542372

WEIGHTS.

III.—Troy converted into Metric.

	Milliers.	Quintals.	Myriagrams.	Kilograms.	Hectograms.	Dekagrams.	Grams.	Decigrams.	Centigrams.	Milligrams dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of: Cubic Decimetres.	Cubic Centimetres. dec.	Or of Measure of Capacity: Litres. dec.
48 pounds, . . .	...	...	1	7	9	1	5	6	1	3·78480	17	915.61	17.91561
49 „ . . .	...	...	1	8	2	8	8	8	5	5·73865	18	288.86	18.28886
50 „ . . .	...	...	1	8	6	6	2	0	9	7·69250	18	662.10	18.66210
51 „ . . .	...	...	1	9	0	3	5	3	3	9·64635	19	035.34	19.03534
52 „ . . .	...	...	1	9	4	0	8	5	8	1·60020	19	408.58	19.40858
53 „ . . .	...	...	1	9	7	8	1	8	2	3·55405	19	781.82	19.78182
54 „ . . .	...	...	2	0	1	5	5	0	6	5·50790	20	155.07	20.15507
55 „ . . .	...	...	2	0	5	2	8	3	0	7·46175	20	528.31	20.52831
56 „ . . .	...	...	2	0	9	0	1	5	4	9·41560	20	901.55	20.90155
57 „ . . .	...	...	2	1	2	7	4	7	9	1·36945	21	274.79	21.27479
58 „ . . .	...	...	2	1	6	4	8	0	3	3·32330	21	648.03	21.64803
59 „ . . .	...	...	2	2	0	2	1	2	7	5·27715	22	021.28	22.02128
60 „ . . .	...	...	2	2	3	9	4	5	1	7·23100	22	394.52	22.39452
61 „ . . .	...	...	2	2	7	6	7	7	5	9·18485	22	767.76	22.76776
62 „ . . .	...	...	2	3	1	4	1	0	0	1·13870	23	141.00	23.14100
63 „ . . .	...	...	2	3	5	1	4	2	4	3·09255	23	514.24	23.51424
64 „ . . .	...	...	2	3	8	8	7	4	8	5·04640	23	887.49	23.88749
65 „ . . .	...	...	2	4	2	6	0	7	2	7·00025	24	260.73	24.26073
66 „ . . .	...	...	2	4	6	3	3	9	6	8·95410	24	633.97	24.63397
67 „ . . .	...	...	2	5	0	0	7	2	1	0·90795	25	007.21	25.00721
68 „ . . .	...	...	2	5	3	8	0	4	5	2·86180	25	380.45	25.38045
69 „ . . .	...	...	2	5	7	5	3	6	9	4·81565	25	753.69	25.75369
70 „ . . .	...	...	2	6	1	2	6	9	3	6·76950	26	126.94	26.12694
71 „ . . .	...	...	2	6	5	0	0	1	7	8·72335	26	500.18	26.50018
72 „ . . .	...	...	2	6	8	7	3	4	2	0·67720	26	873.42	26.87342
73 „ . . .	...	...	2	7	2	4	6	6	6	2·63105	27	246.66	27.24666
74 „ . . .	...	...	2	7	6	1	9	9	0	4·58490	27	619.90	27.61990
75 „ . . .	...	...	2	7	9	9	3	1	4	6·53875	27	993.15	27.99315
76 „ . . .	...	...	2	8	3	6	6	3	8	8·49260	28	366.39	28.36639
77 „ . . .	...	...	2	8	7	3	9	6	3	0·44645	28	739.63	28.73963
78 „ . . .	...	...	2	9	1	1	2	8	7	2·40030	29	112.87	29.11287
79 „ . . .	...	...	2	9	4	8	6	1	1	4·35415	29	486.11	29.48611
80 „ . . .	...	...	2	9	8	5	9	3	5	6·30800	29	859.36	29.85936
81 „ . . .	...	...	3	0	2	3	2	5	9	8·26185	30	232.60	30.23260
82 „ . . .	...	...	3	0	6	0	5	8	4	0·21570	30	605.84	30.60584
83 „ . . .	...	...	3	0	9	7	9	0	8	2·16955	30	979.08	30.97908
84 „ . . .	...	...	3	1	3	5	2	3	2	4·12340	31	352.32	31.35232
85 „ . . .	...	...	3	1	7	2	5	5	6	6·07725	31	725.57	31.72557
86 „ . . .	...	...	3	2	0	9	8	8	0	8·03110	32	098.81	32.09881
87 „ . . .	...	...	3	2	4	7	2	0	4	9·98495	32	472.05	32.47205
88 „ . . .	...	...	3	2	8	4	5	2	9	1·93880	32	845.29	32.84529
89 „ . . .	...	...	3	3	2	1	8	5	3	3·89265	33	218.53	33.21853
90 „ . . .	...	...	3	3	5	9	1	7	7	5·84650	33	591.78	33.59178
91 „ . . .	...	...	3	3	9	6	5	0	1	7·80035	33	965.02	33.96502
92 „ . . .	...	...	3	4	3	3	8	2	5	9·75420	34	338.26	34.33826
93 „ . . .	...	...	3	4	7	1	1	5	0	1·70805	34	711.50	34.71150
94 „ . . .	...	...	3	5	0	8	4	7	4	3·66190	35	084.74	35.08474
95 „ . . .	...	...	3	5	4	5	7	9	8	5·61575	35	457.99	35.45799
96 „ . . .	...	...	3	5	8	3	1	2	2	7·56960	35	831.23	35.83123
97 „ . . .	...	...	3	6	2	0	4	4	6	9·52345	36	204.47	36.20447

WEIGHTS.

IV.—Metric converted into Troy.

	Pounds.	Ounces.	Penny-weights.	Grains. decimals.	OR THUS Ounces. decimals.	OR THUS Grains. decimals.
1 Milligram,	...	...	...	0 · 0154323	0 · 00003	0 · 0154323
2 ,,	...	...	...	0 · 0308647	0 · 00006	0 · 0308647
3 ,,	...	...	...	0 · 0462970	0 · 00010	0 · 0462970
4 ,,	...	...	...	0 · 0617294	0 · 00013	0 · 0617294
5 ,,	...	...	...	0 · 0771617	0 · 00016	0 · 0771617
6 ,,	...	...	...	0 · 0925941	0 · 00019	0 · 0925941
7 ,,	...	...	...	0 · 1080264	0 · 00023	0 · 1080264
8 ,,	...	...	...	0 · 1234588	0 · 00026	0 · 1234588
9 ,,	...	...	...	0 · 1388911	0 · 00029	0 · 1388911
1 Centigram,	...	...	...	0 · 1543235	0 · 00032	0 · 1543235
2 ,,	...	...	...	0 · 3086470	0 · 00064	0 · 3086470
3 ,,	...	...	...	0 · 4629705	0 · 00096	0 · 4629705
4 ,,	...	...	...	0 · 6172940	0 · 00129	0 · 6172940
5 ,,	...	...	...	0 · 7716174	0 · 00161	0 · 7716174
6 ,,	...	...	...	0 · 9259409	0 · 00193	0 · 9259409
7 ,,	...	...	...	1 · 0802644	0 · 00225	1 · 0802644
8 ,,	...	...	...	1 · 2345879	0 · 00257	1 · 2345879
9 ,,	...	...	...	1 · 3889114	0 · 00289	1 · 3889114
1 Decigram,	...	...	...	1 · 5432349	0 · 00322	1 · 5432349
2 ,,	...	...	...	3 · 0864698	0 · 00643	3 · 0864698
3 ,,	...	...	...	4 · 6297046	0 · 00965	4 · 6297046
4 ,,	...	...	...	6 · 1729395	0 · 01286	6 · 1729395
5 ,,	...	...	...	7 · 7161744	0 · 01608	7 · 7161744
6 ,,	...	...	...	9 · 2594093	0 · 01929	9 · 2594093
7 ,,	...	...	...	10 · 8026441	0 · 02251	10 · 8026441
8 ,,	...	...	...	12 · 3458790	0 · 02572	12 · 3458790
9 ,,	...	...	...	13 · 8891139	0 · 02894	13 · 8891139
1 Gram,	...	...	...	15 · 4323488	0 · 03215	15 · 4323488
2 ,,	...	...	1	6 · 8646975	0 · 06430	30 · 8646975
3 ,,	...	...	1	22 · 2970463	0 · 09645	46 · 2970463
4 ,,	...	...	2	13 · 7293950	0 · 12860	61 · 7293950
5 ,,	...	...	3	5 · 1617438	0 · 16075	77 · 1617438
6 ,,	...	...	3	20 · 5940925	0 · 19290	92 · 5940925
7 ,,	...	...	4	12 · 0264413	0 · 22506	108 · 0264413
8 ,,	...	...	5	3 · 4587900	0 · 25721	123 · 4587900
9 ,,	...	...	5	18 · 8911388	0 · 28936	138 · 8911388
1 Dekagram, or 10 grams,	...	...	6	10 · 3234875	0 · 32151	154 · 3234875
2 ,, 20 ,,	...	...	12	20 · 6469750	0 · 64301	308 · 6469750
3 ,, 30 ,,	...	...	19	6 · 9704625	0 · 96452	462 · 9704625
4 ,, 40 ,,	...	1	5	17 · 2939500	1 · 28603	617 · 2939500
5 ,, 50 ,,	...	1	12	3 · 6174375	1 · 60754	771 · 6174375
6 ,, 60 ,,	...	1	18	13 · 9409250	1 · 92904	925 · 9409250
7 ,, 70 ,,	...	2	5	0 · 2644125	2 · 25055	1,080 · 2644125
8 ,, 80 ,,	...	2	11	10 · 5879000	2 · 57206	1,234 · 5879000
9 ,, 90 ,,	...	2	17	20 · 9113875	2 · 89357	1,388 · 9113875
1 Hectogram, 100 ,,	...	3	4	7 · 234875	3 · 21507	1,543 · 234875
2 ,, 200 ,,	...	6	8	14 · 469750	6 · 43015	3,086 · 469750
3 ,, 300 ,,	...	9	12	21 · 704625	9 · 64522	4,629 · 704625
4 ,, 400 ,,	1	0	17	4 · 939500	12 · 86029	6,172 · 939500
5 ,, 500 ,,	1	4	1	12 · 174375	16 · 07536	7,716 · 174375

WEIGHTS.

IV.—Metric converted into Troy.

	Pounds.	Ounces.	Penny-weights.	Grains. dec.	OR THUS Ounces. decimals.	OR THUS Grains. decimals.
6 Hectograms or 600 grams, .	1	7	5	19 · 409250	19 · 29044	9,259 · 40925
7 „ „ 700 „ . .	1	10	10	2 · 644125	22 · 50551	10,802 · 64413
8 „ „ 800 „ . .	2	1	14	9 · 879000	25 · 72058	12,345 · 87900
9 „ „ 900 „ . .	2	4	18	17 · 113875	28 · 93565	13,889 · 11388
1 Kilogram „ 1,000 „ . .	2	8	3	0 · 3488	32 · 15073	15,432 · 34875
2 „ „ 2,000 „ . .	5	4	6	0 · 6975	64 · 30145	30,864 · 6975
3 „ „ 3,000 „ . .	8	0	9	1 · 0463	96 · 45218	46,297 · 0463
4 „ „ 4,000 „ . .	10	8	12	1 · 3950	128 · 60291	61,729 · 3950
5 „ „ 5,000 „ . .	13	4	15	1 · 7438	160 · 75363	77,161 · 7438
6 „ „ 6,000 „ . .	16	0	18	2 · 0925	192 · 90436	92,594 · 0925
7 „ „ 7,000 „ . .	18	9	1	2 · 4413	225 · 05509	108,026 · 4413
8 „ „ 8,000 „ . .	21	5	4	2 · 7900	257 · 20581	123,458 · 7900
9 „ „ 9,000 „ . .	24	1	7	3 · 1388	289 · 35654	138,891 · 1388
10 „ „ 10,000 „ . .	26	9	10	3 · 4875	321 · 50727	154,323 · 4875
11 „ „ 11,000 „ . .	29	5	13	3 · 8363	353 · 65799	169,755 · 8363
12 „ „ 12,000 „ . .	32	1	16	4 · 1850	385 · 80872	185,188 · 1850
13 „ „ 13,000 „ . .	34	9	19	4 · 5338	417 · 95945	200,620 · 5338
14 „ „ 14,000 „ . .	37	6	2	4 · 8825	450 · 11017	216,052 · 8825
15 „ „ 15,000 „ . .	40	2	5	5 · 2313	482 · 26090	231,485 · 2313
16 „ „ 16,000 „ . .	42	10	8	5 · 5800	514 · 41162	246,917 · 5800
17 „ „ 17,000 „ . .	45	6	11	5 · 9288	546 · 56235	262,349 · 9288
18 „ „ 18,000 „ . .	48	2	14	6 · 2775	578 · 71308	277,782 · 2775
19 „ „ 19,000 „ . .	50	10	17	6 · 6263	610 · 86380	293,214 · 6263
20 „ „ 20,000 „ . .	53	7	0	6 · 9750	643 · 01453	308,646 · 9750
21 „ „ 21,000 „ . .	56	3	3	7 · 3238	675 · 16526	324,079 · 3238
22 „ „ 22,000 „ . .	58	11	6	7 · 6725	707 · 31598	339,511 · 6725
23 „ „ 23,000 „ . .	61	7	9	8 · 0213	739 · 46671	354,944 · 0213
24 „ „ 24,000 „ . .	64	3	12	8 · 3700	771 · 61744	370,376 · 3700
25 „ „ 25,000 „ . .	66	11	15	8 · 7188	803 · 76816	385,808 · 7188
26 „ „ 26,000 „ . .	69	7	18	9 · 0675	835 · 91889	401,241 · 0675
27 „ „ 27,000 „ . .	72	4	1	9 · 4163	868 · 06962	416,673 · 4163
28 „ „ 28,000 „ . .	75	0	4	9 · 7650	900 · 22034	432,105 · 7650
29 „ „ 29,000 „ . .	77	8	7	10 · 1138	932 · 37107	447,538 · 1138
30 „ „ 30,000 „ . .	80	4	10	10 · 4625	964 · 52180	462,970 · 4625
31 „ „ 31,000 „ . .	83	0	13	10 · 8113	996 · 67252	478,402 · 8113
32 „ „ 32,000 „ . .	85	8	16	11 · 1600	1028 · 82325	493,835 · 1600
33 „ „ 33,000 „ . .	88	4	19	11 · 5088	1060 · 97398	509,267 · 5088
34 „ „ 34,000 „ . .	91	1	2	11 · 8575	1093 · 12470	524,699 · 8575
35 „ „ 35,000 „ . .	93	9	5	12 · 2063	1125 · 27543	540,132 · 2063
36 „ „ 36,000 „ . .	96	5	8	12 · 5550	1157 · 42616	555,564 · 5550
37 „ „ 37,000 „ . .	99	1	11	12 · 9038	1189 · 57688	570,996 · 9038
38 „ „ 38,000 „ . .	101	9	14	13 · 2525	1221 · 72761	586,429 · 2525
39 „ „ 39,000 „ . .	104	5	17	13 · 6013	1253 · 87834	601,861 · 6013
40 „ „ 40,000 „ . .	107	2	0	13 · 9500	1286 · 02906	617,293 · 9500
41 „ „ 41,000 „ . .	109	10	3	14 · 2988	1318 · 17979	632,726 · 2988
42 „ „ 42,000 „ . .	112	6	6	14 · 6475	1350 · 33052	648,158 · 6475
43 „ „ 43,000 „ . .	115	2	9	14 · 9963	1382 · 48124	663,590 · 9963
44 „ „ 44,000 „ . .	117	10	12	15 · 3450	1414 · 63197	679,023 · 3450
45 „ „ 45,000 „ . .	120	6	15	15 · 6938	1446 · 78270	694,455 · 6938
46 „ „ 46,000 „ . .	123	2	18	16 · 0425	1478 · 93342	709,888 · 0425

WEIGHTS.

IV.—Metric converted into Troy.

	Pounds.	Ounces.	Penny-weights.	Grains. dec.	OR THUS Ounces. decimals.	OR THUS Grains. decimals.
47 Kilograms or 47,000 grams, . .	125	11	1	16 · 3913	1,511 · 08415	725,320 · 3913
48 ,, ,, 48,000 ,, . .	128	7	4	16 · 7400	1,543 · 23487	740,752 · 7400
49 ,, ,, 49,000 ,, . .	131	3	7	17 · 0888	1,575 · 38560	756,185 · 0888
50 ,, ,, 50,000 ,, . .	133	11	10	17 · 4375	1,607 · 53633	771,617 · 4375
51 ,, ,, 51,000 ,, . .	136	7	13	17 · 7863	1,639 · 68705	787,049 · 7863
52 ,, ,, 52,000 ,, . .	139	3	16	18 · 1350	1,671 · 83778	802,482 · 1350
53 ,, ,, 53,000 ,, . .	141	11	19	18 · 4838	1,703 · 98851	817,914 · 4838
54 ,, ,, 54,000 ,, . .	144	8	2	18 · 8325	1,736 · 13923	833,346 · 8325
55 ,, ,, 55,000 ,, . .	147	4	5	19 · 1813	1,768 · 28996	848,779 · 1813
56 ,, ,, 56,000 ,, . .	150	0	8	19 · 5300	1,800 · 44069	864,211 · 5300
57 ,, ,, 57,000 ,, . .	152	8	11	19 · 8788	1,832 · 59141	879,643 · 8788
58 ,, ,, 58,000 ,, . .	155	4	14	20 · 2275	1,864 · 74214	895,076 · 2275
59 ,, ,, 59,000 ,, . .	158	0	17	20 · 5763	1,896 · 89287	910,508 · 5763
60 ,, ,, 60,000 ,, . .	160	9	0	20 · 9250	1,929 · 04359	925,940 · 9250
61 ,, ,, 61,000 ,, . .	163	5	3	21 · 2738	1,961 · 19432	941,373 · 2738
62 ,, ,, 62,000 ,, . .	166	1	6	21 · 6225	1,993 · 34505	956,805 · 6225
63 ,, ,, 63,000 ,, . .	168	9	9	21 · 9713	2,025 · 49577	972,237 · 9713
64 ,, ,, 64,000 ,, . .	171	5	12	22 · 3200	2,057 · 64650	987,670 · 3200
65 ,, ,, 65,000 ,, . .	174	1	15	22 · 6688	2,089 · 79723	1,003,102 · 6688
66 ,, ,, 66,000 ,, . .	176	9	18	23 · 0175	2,121 · 94795	1,018,535 · 0175
67 ,, ,, 67,000 ,, . .	179	6	1	23 · 3663	2,154 · 09868	1,033,967 · 3663
68 ,, ,, 68,000 ,, . .	182	2	4	23 · 7150	2,186 · 24941	1,049,399 · 7150
69 ,, ,, 69,000 ,, . .	184	10	8	0 · 0638	2,218 · 40013	1,064,832 · 0638
70 ,, ,, 70,000 ,, . .	187	6	11	0 · 4125	2,250 · 55086	1,080,264 · 4125
71 ,, ,, 71,000 ,, . .	190	2	14	0 · 7613	2,282 · 70159	1,095,696 · 7613
72 ,, ,, 72,000 ,, . .	192	10	17	1 · 1100	2,314 · 85231	1,111,129 · 1100
73 ,, ,, 73,000 ,, . .	195	7	0	1 · 4588	2,347 · 00304	1,126,561 · 4588
74 ,, ,, 74,000 ,, . .	198	3	3	1 · 8075	2,379 · 15377	1,141,993 · 8075
75 ,, ,, 75,000 ,, . .	200	11	6	2 · 1563	2,411 · 30449	1,157,426 · 1563
76 ,, ,, 76,000 ,, . .	203	7	9	2 · 5050	2,443 · 45522	1,172,858 · 5050
77 ,, ,, 77,000 ,, . .	206	3	12	2 · 8538	2,475 · 60595	1,188,290 · 8538
78 ,, ,, 78,000 ,, . .	208	11	15	3 · 2025	2,507 · 75667	1,203,723 · 2025
79 ,, ,, 79,000 ,, . .	211	7	18	3 · 5513	2,539 · 90740	1,219,155 · 5513
80 ,, ,, 80,000 ,, . .	214	4	1	3 · 9000	2,572 · 05812	1,234,587 · 9000
81 ,, ,, 81,000 ,, . .	217	0	4	4 · 2488	2,604 · 20885	1,250,020 · 2488
82 ,, ,, 82,000 ,, . .	219	8	7	4 · 5975	2,636 · 35958	1,265,452 · 5975
83 ,, ,, 83,000 ,, . .	222	4	10	4 · 9463	2,668 · 51030	1,280,884 · 9463
84 ,, ,, 84,000 ,, . .	225	0	13	5 · 2950	2,700 · 66103	1,296,317 · 2950
85 ,, ,, 85,000 ,, . .	227	8	16	5 · 6438	2,732 · 81176	1,311,749 · 6438
86 ,, ,, 86,000 ,, . .	230	4	19	5 · 9925	2,764 · 96248	1,327,181 · 9925
87 ,, ,, 87,000 ,, . .	233	1	2	6 · 3413	2,797 · 11321	1,342,614 · 3413
88 ,, ,, 88,000 ,, . .	235	9	5	6 · 6900	2,829 · 26394	1,358,046 · 6900
89 ,, ,, 89,000 ,, . .	238	5	8	7 · 0388	2,861 · 41466	1,373,479 · 0388
90 ,, ,, 90,000 ,, . .	241	1	11	7 · 3875	2,893 · 56539	1,388,911 · 3875
91 ,, ,, 91,000 ,, . .	243	9	14	7 · 7363	2,925 · 71612	1,404,343 · 7363
92 ,, ,, 92,000 ,, . .	246	5	17	8 · 0850	2,957 · 86684	1,419,776 · 0850
93 ,, ,, 93,000 ,, . .	249	2	0	8 · 4338	2,990 · 01757	1,435,208 · 4338
94 ,, ,, 94,000 ,, . .	251	10	3	8 · 7825	3,022 · 16830	1,450,640 · 7825
95 ,, ,, 95,000 ,, . .	254	6	6	9 · 1313	3,054 · 31902	1,466,073 · 1313
96 ,, ,, 96,000 ,, . .	257	2	9	9 · 4800	3,086 · 46975	1,481,505 · 4800

WEIGHTS.

V.—Apothecaries' converted into Metric.

	Kilo-grams.	Hecto-grams.	Deka-grams.	Grams.	Deci-grams.	Centi-grams.	Milli-grams. decimals.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of — Cubic Decimetres.	Cubic Centimetres. dec.	Or of Measure of Capacity. Centilitres. dec.
1 grain,	...	...	...	...	...	6	4 · 798950322	...	0 . 0648	0 . 0065
2 ,,	...	...	...	...	1	2	9 · 597900644	...	0 . 1296	0 . 0130
3 ,,	...	...	...	...	1	9	4 · 396850966	...	0 . 1944	0 . 0194
4 ,,	...	...	...	...	2	5	9 · 195801288	...	0 . 2592	0 . 0259
5 ,,	...	...	...	...	3	2	3 · 994751610	...	0 . 3240	0 . 0324
6 ,,	...	...	...	...	3	8	8 · 793701932	...	0 . 3888	0 . 0389
7 ,,	...	...	...	...	4	5	3 · 592652254	...	0 . 4536	0 . 0454
8 ,,	...	...	...	...	5	1	8 · 391602576	...	0 . 5184	0 . 0518
9 ,,	...	...	...	...	5	8	3 · 190552898	...	0 . 5832	0 . 0583
10 ,,	...	...	...	...	6	4	7 · 989503220	...	0 . 6480	0 . 0648
11 ,,	...	...	...	...	7	1	2 · 788453542	...	0 . 7128	0 . 0713
12 ,,	...	...	...	...	7	7	7 · 587403864	...	0 . 7776	0 . 0778
13 ,,	...	...	...	...	8	4	2 · 386354186	...	0 . 8424	0 . 0842
14 ,,	...	...	...	...	9	0	7 · 185304508	...	0 . 9072	0 . 0907
15 ,,	...	...	...	...	9	7	1 · 984254830	...	0 . 9720	0 . 0972
16 ,,	...	...	...	1	0	3	6 · 783205152	...	1 . 0368	0 . 1037
17 ,,	...	...	...	1	1	0	1 · 582155474	...	1 . 1016	0 . 1102
18 ,,	...	...	...	1	1	6	6 · 381105796	...	1 . 1664	0 . 1166
19 ,,	...	...	...	1	2	3	1 · 180056118	...	1 . 2312	0 . 1231
1 scruple,	...	...	...	1	2	9	5 · 979006440	...	1 . 2960	0 . 1296
2 ,,	...	...	...	2	5	9	1 · 95801288	...	2 . 5920	0 . 2592
1 dram,	...	...	...	3	8	8	7 · 93701932	...	3 . 8879	0 . 3888
2 ,,	...	...	...	7	7	7	5 · 87403864	...	7 . 7759	0 . 7776
3 ,,	...	...	1	1	6	6	3 · 81105796	...	11 . 6638	1 . 1664
4 ,,	...	...	1	5	5	5	1 · 74807728	...	15 . 5517	1 . 5552
5 ,,	...	...	1	9	4	3	9 · 68509660	...	19 . 4397	1 . 9440
6 ,,	...	...	2	3	3	2	7 · 62211592	...	23 . 3276	2 . 3328
7 ,,	...	...	2	7	2	1	5 · 55913524	...	27 . 2156	2 . 7216
1 ounce,	...	...	3	1	1	0	3 · 496154	...	31 . 1035	3 . 1103
2 ,,	...	...	6	2	2	0	6 · 992308	...	62 . 2070	6 . 2207
3 ,,	...	...	9	3	3	1	0 · 488462	...	93 . 3105	9 . 3310
4 ,,	...	1	2	4	4	1	3 · 984616	...	124 . 4140	12 . 4414
5 ,,	...	1	5	5	5	1	7 · 480770	...	155 . 5175	15 . 5517
6 ,,	...	1	8	6	6	2	0 · 976924	...	186 . 6210	18 . 6621
7 ,,	...	2	1	7	7	2	4 · 473078	...	217 . 7245	21 . 7724
8 ,,	...	2	4	8	8	2	7 · 969232	...	248 . 8280	24 . 8828
9 ,,	...	2	7	9	9	3	1 · 465386	...	279 . 9315	27 . 9931
10 ,,	...	3	1	1	0	3	4 · 961540	...	311 . 0350	31 . 1035
11 ,,	...	3	4	2	1	3	8 · 457694	...	342 . 1385	34 . 2138
1 pound,	...	3	7	3	2	4	1 · 95385	...	373 . 2420	37 . 3242
2 ,,	...	7	4	6	4	8	3 · 90770	...	746 . 4839	74 . 6484
3 ,,	1	1	1	9	7	2	5 · 86155	1	119 . 7259	111 . 9726
4 ,,	1	4	9	2	9	6	7 · 81540	1	492 . 9678	149 . 2968
5 ,,	1	8	6	6	2	0	9 · 76925	1	866 . 2098	186 . 6210
6 ,,	2	2	3	9	4	5	1 · 72310	2	239 . 4517	223 . 9452
7 ,,	2	6	1	2	6	9	3 · 67695	2	612 . 6937	261 . 2694
8 ,,	2	9	8	5	9	3	5 · 63080	2	985 . 9356	298 . 5936
9 ,,	3	3	5	9	1	7	7 · 58465	3	359 . 1776	335 . 9178
10 ,,	3	7	3	2	4	1	9 · 53850	3	732 . 4195	373 . 2420

WEIGHTS.

VI.—Metric converted into Apothecaries'.

	Founds.	Ounces.	Drams.	Scruples.	Grains dec.	EQUIVALENTS: Which Weight if of Pure Water at temp. 39° would occupy the space of Cubic Inches. dec.	Or of Measure of Capacity. Pints. dec.
1 Milligram,	...	...	...	...	0 · 0154323	0 . 000061	0 . 00000176
2 „	...	...	...	...	0 · 0308647	0 . 000122	0 . 00000352
3 „	...	...	...	...	0 · 0462970	0 . 000183	0 . 00000528
4 „	...	...	...	...	0 · 0617294	0 . 000244	0 . 00000704
5 „	...	...	...	...	0 · 0771617	0 . 000305	0 . 00000880
6 „	...	...	...	...	0 · 0925941	0 . 000366	0 . 00001056
7 „	...	...	...	...	0 · 1080264	0 . 000427	0 . 00001233
8 „	...	...	...	...	0 · 1234588	0 . 000488	0 . 00001409
9 „	...	...	...	...	0 · 1388911	0 . 000549	0 . 00001585
1 Centigram,	...	...	...	...	0 · 1543235	0 . 000610	0 . 00001761
2 „	...	...	...	...	0 · 3086470	0 . 001221	0 . 00003522
3 „	...	...	...	...	0 · 4629705	0 . 001831	0 . 00005282
4 „	...	...	...	...	0 · 6172940	0 . 002441	0 . 00007043
5 „	...	...	...	...	0 · 7716174	0 . 003051	0 . 00008804
6 „	...	...	...	...	0 · 9259409	0 . 003662	0 . 00010565
7 „	...	...	...	...	1 · 0802644	0 . 004272	0 . 00012325
8 „	...	...	...	...	1 · 2345879	0 . 004882	0 . 00014086
9 „	...	...	...	...	1 · 3889114	0 . 005492	0 . 00015847
1 Decigram,	...	...	...	...	1 · 5432349	0 . 006103	0 . 00017608
2 „	...	...	...	...	3 · 0864698	0 . 012205	0 . 00035215
3 „	...	...	...	...	4 · 6297046	0 . 018308	0 . 00052823
4 „	...	...	...	...	6 · 1729395	0 . 024411	0 . 00070431
5 „	...	...	...	...	7 · 7161744	0 . 030514	0 . 00088039
6 „	...	...	...	...	9 · 2594093	0 . 036616	0 . 00105646
7 „	...	...	...	...	10 · 8026441	0 . 042719	0 . 00123254
8 „	...	...	...	...	12 · 3458790	0 . 048822	0 . 00140862
9 „	...	...	...	...	13 · 8891139	0 . 054924	0 . 00158469
1 Gram,	...	...	...	...	15 · 4323488	0 . 061027	0 . 00176077
2 „	...	...	...	1	10 · 8646975	0 . 122054	0 . 00352154
3 „	...	...	...	2	6 · 2970463	0 . 183081	0 . 00528231
4 „	...	...	1	0	1 · 7293950	0 . 244108	0 . 00704308
5 „	...	...	1	0	17 · 1617438	0 . 305135	0 . 00880385
6 „	...	...	1	1	12 · 5940925	0 . 366162	0 . 01056462
7 „	...	...	1	2	8 · 0264413	0 . 427189	0 . 01232539
8 „	...	...	2	0	3 · 4587900	0 . 488216	0 . 01408616
9 „	...	...	2	0	18 · 8911388	0 . 549243	0 . 01584693
1 Dekagram,	...	...	2	1	14 · 3234875	0 . 610271	0 . 0176077
2 „	...	...	5	0	8 · 6469750	1 . 220541	0 . 0352154
3 „	...	...	7	2	2 · 9704625	1 . 830812	0 . 0528231
4 „	...	1	2	0	17 · 2939500	2 . 441082	0 . 0704308
5 „	...	1	4	2	11 · 6174375	3 . 051353	0 . 0880385
6 „	...	1	7	1	5 · 9409250	3 . 661623	0 . 1056462
7 „	...	2	2	0	0 · 2644125	4 . 271894	0 . 1232539
8 „	...	2	4	1	14 · 5879000	4 . 882164	0 . 1408616
9 „	...	2	7	0	8 · 9113875	5 . 492435	0 . 1584693
1 Hectogram,	...	3	1	2	3 · 234875	6 . 102705	0 . 176077
2 „	...	6	3	1	6 · 469750	12 . 205411	0 . 352154
3 „	...	9	5	0	9 · 704625	18 . 308116	0 . 528231
4 „	1	0	6	2	12 · 939500	24 . 410821	0 . 704308
5 „	1	4	0	1	16 · 174375	30 . 513526	0 . 880385

TABLES OF EQUIVALENT PRICES

IN

BRITISH CURRENCY

OF

GOODS BOUGHT OR SOLD BY ONE SYSTEM OF WEIGHTS AND MEASURES COMPARED WITH THOSE OF THE OTHER.

1.—THE METRE AND THE YARD.
2.—THE LITRE AND THE PINT.
3.—THE LITRE AND THE GALLON.
4.—THE KILOLITRE AND THE QUARTER.
5.—THE DEKAGRAM AND THE OUNCE TROY.
6.—THE KILOGRAM AND THE POUND AVOIRDUPOIS.

N.B.—If any price is required which is not given in these Tables, it may be found by the addition of two or more together. Thus:

Required the Equivalent Price per Yard of 10s. 11½d. per Metre—

				pence.	dec.
10 shillings	per Metre	is equal to per Yard	(see page 68),	109	· 726
11 pence	do.	do.,		10	· 058
2 farthings	do.	do.,		0	· 457
			Answer, 10s. 0.241d.; or pence,	120	· 241

Fractional parts of a penny —¼ = .0625; ½ = .125; ¾ = .1875; ¼ = .25; ⅝ = .3125; ⅜ = .375; ⅞ = .4375; ½ = .5; ⅝ = .5625; ⅝ = .625; ⅞ = .6875; ¾ = .75; ⅞ = .8125; ⅞ = .875; ⅞ = .9375.

I.—Equivalent Prices in British Currency of Goods Bought and Sold by the Metre and the Yard.

Price per Metre.	Is equal to per Yard.	Price per Metre.	Is equal to per Yard.	Price per Metre.	Is equal to per Yard.	Price per Yard.	Is equal to per Metre.	Price per Yard.	Is equal to per Metre.	Price per Yard.	Is equal to per Metre.
	pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.
At 1 farthing.	0 · 229	At 43 pence.	39 · 318	At 87 pence.	79 · 551	At 1 farthing.	0 · 273	At 43 pence.	47 · 026	At 87 pence.	95 · 146
2 ,,	0 · 457	44 ,,	40 · 233	88 ,,	80 · 466	2 ,,	0 · 547	44 ,,	48 · 120	88 ,,	96 · 240
1 penny.	0 · 914	45 ,,	41 · 147	89 ,,	81 · 380	1 penny.	1 · 094	45 ,,	49 · 213	89 ,,	97 · 333
2 ,,	1 · 829	46 ,,	42 · 062	90 ,,	82 · 295	2 ,,	2 · 187	46 ,,	50 · 307	90 ,,	98 · 427
3 ,,	2 · 743	47 ,,	42 · 976	91 ,,	83 · 209	3 ,,	3 · 281	47 ,,	51 · 401	91 ,,	99 · 521
4 ,,	3 · 658	48 ,,	43 · 890	92 ,,	84 · 123	4 ,,	4 · 375	48 ,,	52 · 494	92 ,,	100 · 614
5 ,,	4 · 572	49 ,,	44 · 805	93 ,,	85 · 038	5 ,,	5 · 468	49 ,,	53 · 588	93 ,,	101 · 708
6 ,,	5 · 486	50 ,,	45 · 719	94 ,,	85 · 952	6 ,,	6 · 562	50 ,,	54 · 682	94 ,,	102 · 802
7 ,,	6 · 401	51 ,,	46 · 634	95 ,,	86 · 866	7 ,,	7 · 655	51 ,,	55 · 775	95 ,,	103 · 895
8 ,,	7 · 315	52 ,,	47 · 548	96 ,,	87 · 781	8 ,,	8 · 749	52 ,,	56 · 869	96 ,,	104 · 989
9 ,,	8 · 229	53 ,,	48 · 462	97 ,,	88 · 695	9 ,,	9 · 843	53 ,,	57 · 963	97 ,,	106 · 082
10 ,,	9 · 144	54 ,,	49 · 377	98 ,,	89 · 610	10 ,,	10 · 936	54 ,,	59 · 056	98 ,,	107 · 176
11 ,,	10 · 058	55 ,,	50 · 291	99 ,,	90 · 524	11 ,,	12 · 030	55 ,,	60 · 150	99 ,,	108 · 270
12 ,,	10 · 973	56 ,,	51 · 205	100 ,,	91 · 438	12 ,,	13 · 124	56 ,,	61 · 243	100 ,,	109 · 363
13 ,,	11 · 887	57 ,,	52 · 120	101 ,,	92 · 353	13 ,,	14 · 217	57 ,,	62 · 337	101 ,,	110 · 457
14 ,,	12 · 801	58 ,,	53 · 034	102 ,,	93 · 267	14 ,,	15 · 311	58 ,,	63 · 431	102 ,,	111 · 551
15 ,,	13 · 716	59 ,,	53 · 949	103 ,,	94 · 182	15 ,,	16 · 404	59 ,,	64 · 524	103 ,,	112 · 644
16 ,,	14 · 630	60 ,,	54 · 863	104 ,,	95 · 096	16 ,,	17 · 498	60 ,,	65 · 618	104 ,,	113 · 738
17 ,,	15 · 545	61 ,,	55 · 777	105 ,,	96 · 010	17 ,,	18 · 592	61 ,,	66 · 712	105 ,,	114 · 831
18 ,,	16 · 459	62 ,,	56 · 692	106 ,,	96 · 925	18 ,,	19 · 685	62 ,,	67 · 805	106 ,,	115 · 925
19 ,,	17 · 373	63 ,,	57 · 606	107 ,,	97 · 839	19 ,,	20 · 779	63 ,,	68 · 899	107 ,,	117 · 019
20 ,,	18 · 288	64 ,,	58 · 521	108 ,,	98 · 753	20 ,,	21 · 873	64 ,,	69 · 993	108 ,,	118 · 112
21 ,,	19 · 202	65 ,,	59 · 435	109 ,,	99 · 668	21 ,,	22 · 966	65 ,,	71 · 086	109 ,,	119 · 206
22 ,,	20 · 116	66 ,,	60 · 349	110 ,,	100 · 582	22 ,,	24 · 060	66 ,,	72 · 180	110 ,,	120 · 300
23 ,,	21 · 031	67 ,,	61 · 264	111 ,,	101 · 497	23 ,,	25 · 154	67 ,,	73 · 273	111 ,,	121 · 393
24 ,,	21 · 945	68 ,,	62 · 178	112 ,,	102 · 411	24 ,,	26 · 247	68 ,,	74 · 367	112 ,,	122 · 487
25 ,,	22 · 860	69 ,,	63 · 092	113 ,,	103 · 325	25 ,,	27 · 341	69 ,,	75 · 461	113 ,,	123 · 581
26 ,,	23 · 774	70 ,,	64 · 007	114 ,,	104 · 240	26 ,,	28 · 434	70 ,,	76 · 554	114 ,,	124 · 674
27 ,,	24 · 688	71 ,,	64 · 921	115 ,,	105 · 154	27 ,,	29 · 528	71 ,,	77 · 648	115 ,,	125 · 768
28 ,,	25 · 603	72 ,,	65 · 836	116 ,,	106 · 068	28 ,,	30 · 622	72 ,,	78 · 742	116 ,,	126 · 861
29 ,,	26 · 517	73 ,,	66 · 750	117 ,,	106 · 983	29 ,,	31 · 715	73 ,,	79 · 835	117 ,,	127 · 955
30 ,,	27 · 432	74 ,,	67 · 664	118 ,,	107 · 897	30 ,,	32 · 809	74 ,,	80 · 929	118 ,,	129 · 049
31 ,,	28 · 346	75 ,,	68 · 579	119 ,,	108 · 812	31 ,,	33 · 903	75 ,,	82 · 022	119 ,,	130 · 142
32 ,,	29 · 260	76 ,,	69 · 493	10 shillings.	109 · 726	32 ,,	34 · 996	76 ,,	83 · 116	10 shillings.	131 · 236
33 ,,	30 · 175	77 ,,	70 · 408	11 ,,	120 · 699	33 ,,	36 · 090	77 ,,	84 · 210	11 ,,	144 · 360
34 ,,	31 · 089	78 ,,	71 · 322	12 ,,	131 · 671	34 ,,	37 · 184	78 ,,	85 · 303	12 ,,	157 · 483
35 ,,	32 · 003	79 ,,	72 · 236	13 ,,	142 · 644	35 ,,	38 · 277	79 ,,	86 · 397	13 ,,	170 · 607
36 ,,	32 · 918	80 ,,	73 · 151	14 ,,	153 · 616	36 ,,	39 · 371	80 ,,	87 · 491	14 ,,	183 · 730
37 ,,	33 · 832	81 ,,	74 · 065	15 ,,	164 · 589	37 ,,	40 · 464	81 ,,	88 · 584	15 ,,	196 · 854
38 ,,	34 · 747	82 ,,	74 · 979	16 ,,	175 · 562	38 ,,	41 · 558	82 ,,	89 · 678	16 ,,	209 · 978
39 ,,	35 · 661	83 ,,	75 · 894	17 ,,	186 · 534	39 ,,	42 · 652	83 ,,	90 · 772	17 ,,	223 · 101
40 ,,	36 · 575	84 ,,	76 · 808	18 ,,	197 · 507	40 ,,	43 · 745	84 ,,	91 · 865	18 ,,	236 · 225
41 ,,	37 · 490	85 ,,	77 · 723	19 ,,	208 · 479	41 ,,	44 · 839	85 ,,	92 · 959	19 ,,	249 · 348
42 ,,	38 · 404	86 ,,	78 · 637	1 pound.	219 · 452	42 ,,	45 · 933	86 ,,	94 · 052	1 pound.	262 · 472

II.—Equivalent Prices in British Currency of Goods Bought and Sold by the Litre and the Pint.

Price per Litre.	Is equal to per Pint.	Price per Litre.	Is equal to per Pint.	Price per Litre.	Is equal to per Pint.	Price per Pint.	Is equal to per Litre.	Price per Pint.	Is equal to per Litre	Price per Pint.	Is equal to per Litre.
	pence. dec.		pence dec.		pence. dec.		pence. dec.		pence. dec.		pence dec
At 1 farthing.	0 · 142	At 43 pence.	24 · 421	At 87 pence.	49 · 410	At 1 farthing	0 · 440	At 43 pence.	75 · 713	At 87 pence.	153 · 187
2 ,,	0 · 284	44 ,,	24 · 989	88 ,,	49 · 978	2 ,,	0 · 880	44 ,,	77 · 474	88 ,,	154 · 948
1 penny.	0 · 568	45 ,,	25 · 557	89 ,,	50 · 546	1 penny.	1 · 761	45 ,,	79 · 235	89 ,,	156 · 709
2 ,,	1 · 136	46 ,,	26 · 125	90 ,,	51 · 114	2 ,,	3 · 552	46 ,,	80 · 995	90 ,,	158 · 469
3 ,,	1 · 704	47 ,,	26 · 693	91 ,,	51 · 682	3 ,,	5 · 282	47 ,,	82 · 756	91 ,,	160 · 230
4 ,,	2 · 272	48 ,,	27 · 261	92 ,,	52 · 250	4 ,,	7 · 043	48 ,,	84 · 517	92 ,,	161 · 991
5 ,,	2 · 840	49 ,,	27 · 829	93 ,,	52 · 818	5 ,,	8 · 804	49 ,,	86 · 278	93 ,,	163 · 752
6 ,,	3 · 408	50 ,,	28 · 397	94 ,,	53 · 386	6 ,,	10 · 565	50 ,,	88 · 039	94 ,,	165 · 512
7 ,,	3 · 976	51 ,,	28 · 965	95 ,,	53 · 954	7 ,,	12 · 325	51 ,,	89 · 799	95 ,,	167 · 273
8 ,,	4 · 543	52 ,,	29 · 533	96 ,,	54 · 522	8 ,,	14 · 086	52 ,,	91 · 560	96 ,,	169 · 034
9 ,,	5 · 111	53 ,,	30 · 100	97 ,,	55 · 090	9 ,,	15 · 847	53 ,,	93 · 321	97 ,,	170 · 795
10 ,,	5 · 679	54 ,,	30 · 668	98 ,,	55 657	10 ,,	17 · 608	54 ,,	95 · 082	98 ,,	172 · 555
11 ,,	6 · 247	55 ,,	31 · 236	99 ,,	56 · 225	11 ,,	19 · 368	55 ,,	96 · 842	99 ,,	174 · 316
12 ,,	6 · 815	56 ,,	31 · 804	100 ,,	56 · 793	12 ,,	21 · 129	56 ,,	98 · 603	100 ,,	176 · 077
13 ,,	7 · 383	57 ,,	32 · 372	101 ,,	57 · 361	13 ,,	22 · 890	57 ,,	100 · 364	101 ,,	177 · 838
14 ,,	7 · 951	58 ,,	32 · 940	102 ,,	57 · 929	14 ,,	24 · 651	58 ,,	102 · 125	102 ,,	179 · 599
15 ,,	8 · 519	59 ,,	33 · 508	103 ,,	58 · 497	15 ,,	26 · 412	59 ,,	103 · 885	103 ,,	181 · 359
16 ,,	9 · 087	60 ,,	34 · 076	104 ,,	59 · 065	16 ,,	28 · 172	60 ,,	105 · 646	104 ,,	183 · 120
17 ,,	9 · 655	61 ,,	34 · 644	105 ,,	59 · 633	17 ,,	29 · 933	61 ,,	107 · 407	105 ,,	184 · 881
18 ,,	10 · 223	62 ,,	35 · 212	106 ,,	60 · 201	18 ,,	31 · 694	62 ,,	109 · 168	106 ,,	186 · 642
19 ,,	10 · 791	63 ,,	35 · 780	107 ,,	60 · 769	19 ,,	33 · 455	63 ,,	110 · 929	107 ,,	188 · 402
20 ,,	11 · 359	64 ,,	36 · 348	108 ,,	61 · 337	20 ,,	35 · 215	64 ,,	112 · 689	108 ,,	190 · 163
21 ,,	11 · 927	65 ,,	36 · 916	109 ,,	61 · 905	21 ,,	36 · 976	65 ,,	114 · 450	109 ,,	191 · 924
22 ,,	12 · 495	66 ,,	37 · 484	110 ,,	62 · 473	22 ,,	38 · 737	66 ,,	116 · 211	110 ,,	193 · 685
23 ,,	13 · 062	67 ,,	38 · 052	111 ,,	63 · 041	23 ,,	40 · 498	67 ,,	117 · 972	111 ,,	195 · 445
24 ,,	13 · 630	68 ,,	38 · 619	112 ,,	63 · 608	24 ,,	42 · 258	68 ,,	119 · 732	112 ,,	197 · 206
25 ,,	14 · 198	69 ,,	39 · 187	113 ,,	64 · 176	25 ,,	44 · 019	69 ,,	121 · 493	113 ,,	198 · 967
26 ,,	14 · 766	70 ,,	39 · 755	114 ,,	64 · 744	26 ,,	45 · 780	70 ,,	123 · 254	114 ,,	200 · 728
27 ,,	15 · 334	71 ,,	40 · 323	115 ,,	65 · 312	27 ,,	47 · 541	71 ,,	125 · 015	115 ,,	202 · 489
28 ,,	15 · 902	72 ,,	40 · 891	116 ,,	65 · 880	28 ,,	49 · 302	72 ,,	126 · 775	116 ,,	204 · 249
29 ,,	16 · 470	73 ,,	41 · 459	117 ,,	66 · 448	29 ,,	51 · 062	73 ,,	128 · 536	117 ,,	206 · 010
30 ,,	17 · 038	74 ,,	42 · 027	118 ,,	67 · 016	30 ,,	52 · 823	74 ,,	130 · 297	118 ,,	207 · 771
31 ,,	17 · 606	75 ,,	42 · 595	119 ,,	67 · 584	31 ,,	54 · 584	75 ,,	132 · 058	119 ,,	209 · 532
32 ,,	18 · 174	76 ,,	43 · 163	10 shillings.	68 · 152	32 ,,	56 · 345	76 ,,	133 · 819	10 shillings.	211 · 292
33 ,,	18 · 742	77 ,,	43 · 731	11 ,,	74 · 967	33 ,,	58 · 105	77 ,,	135 · 579	11 ,,	232 · 422
34 ,,	19 · 310	78 ,,	44 · 299	12 ,,	81 · 782	34 ,,	59 · 866	78 ,,	137 · 340	12 ,,	253 · 551
35 ,,	19 · 878	79 ,,	44 · 867	13 ,,	88 · 598	35 ,,	61 · 627	79 ,,	139 · 101	13 ,,	274 · 680
36 ,,	20 · 446	80 ,,	45 · 435	14 ,,	95 · 413	36 ,,	63 · 388	80 ,,	140 · 862	14 ,,	295 · 809
37 ,,	21 · 014	81 ,,	46 · 003	15 ,,	102 · 228	37 ,,	65 · 148	81 ,,	142 · 622	15 ,,	316 · 939
38 ,,	21 · 581	82 ,,	46 · 571	16 ,,	109 · 043	38 ,,	66 · 909	82 ,,	144 · 383	16 ,,	338 · 068
39 ,,	22 · 149	83 ,,	47 · 138	17 ,,	115 · 858	39 ,,	68 · 670	83 ,,	146 · 144	17 ,,	359 · 197
40 ,,	22 · 717	84 ,,	47 · 706	18 ,,	122 · 673	40 ,,	70 · 431	84 ,,	147 · 905	18 ,,	380 · 326
41 ,,	23 · 285	85 ,,	48 · 274	19 ,,	129 · 489	41 ,,	72 · 192	85 ,,	149 · 665	91 ,,	401 · 456
42 ,,	23 · 853	86 ,,	48 · 842	1 pound.	136 · 304	42 ,,	73 · 952	86 ,,	151 · 426	1 pound.	422 · 585

III.—Equivalent Prices in British Currency of Goods Bought and Sold by the Litre and the Gallon.

Price per Litre.	Is equal to per Gallon.	Price per Litre.	Is equal to per Gallon.	Price per Litre.	Is equal to per Gallon.	Price per Gallon.	Is equal to per Litre.	Price per Gallon.	Is equal to per Litre.	Price per Gallon.	Is equal to per Litre.
	pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.
At 1 farthing.	1 · 136	At 43 pence.	195 · 369	At 87 pence.	395 · 282	At 1 farthing.	0 · 055	At 43 pence.	9 · 464	At 87 pence.	19 · 148
2 ,,	2 · 272	44 ,,	199 · 913	88 ,,	399 · 825	2 ,,	0 · 110	44 ,,	9 · 684	88 ,,	19 · 368
1 penny.	4 · 543	45 ,,	204 · 456	89 ,,	404 · 369	1 penny.	0 · 220	45 ,,	9 · 904	89 ,,	19 · 589
2 ,,	9 · 087	46 ,,	208 · 999	90 ,,	408 · 912	2 ,,	0 · 440	46 ,,	10 · 124	90 ,,	19 · 809
3 ,,	13 · 630	47 ,,	213 · 543	91 ,,	413 · 455	3 ,,	0 · 660	47 ,,	10 · 345	91 ,,	20 · 029
4 ,,	18 · 174	48 ,,	218 · 086	92 ,,	417 · 999	4 ,,	0 · 880	48 ,,	10 · 565	92 ,,	20 · 249
5 ,,	22 · 717	49 ,,	222 · 630	93 ,,	422 · 542	5 ,,	1 · 100	49 ,,	10 · 785	93 ,,	20 · 469
6 ,,	27 · 261	50 ,,	227 · 173	94 ,,	427 · 086	6 ,,	1 · 321	50 ,,	11 · 005	94 ,,	20 · 689
7 ,,	31 · 804	51 ,,	231 · 717	95 ,,	431 · 629	7 ,,	1 · 541	51 ,,	11 · 225	95 ,,	20 · 909
8 ,,	36 · 348	52 ,,	236 · 260	96 ,,	436 · 173	8 ,,	1 · 761	52 ,,	11 · 445	96 ,,	21 · 129
9 ,,	40 · 891	53 ,,	240 · 804	97 ,,	440 · 716	9 ,,	1 · 981	53 ,,	11 · 665	97 ,,	21 · 349
10 ,,	45 · 435	54 ,,	245 · 347	98 ,,	445 · 260	10 ,,	2 · 201	54 ,,	11 · 885	98 ,,	21 · 569
11 ,,	49 · 978	55 ,,	249 · 891	99 ,,	449 · 803	11 ,,	2 · 421	55 ,,	12 · 105	99 ,,	21 · 790
12 ,,	54 · 522	56 ,,	254 · 434	100 ,,	454 · 347	12 ,,	2 · 641	56 ,,	12 · 325	100 ,,	22 · 010
13 ,,	59 · 065	57 ,,	258 · 977	101 ,,	458 · 890	13 ,,	2 · 861	57 ,,	12 · 545	101 ,,	22 · 230
14 ,,	63 · 609	58 ,,	263 · 521	102 ,,	463 · 434	14 ,,	3 · 081	58 ,,	12 · 766	102 ,,	22 · 450
15 ,,	68 · 152	59 ,,	268 · 065	103 ,,	467 · 977	15 ,,	3 · 301	59 ,,	12 · 986	103 ,,	22 · 670
16 ,,	72 · 695	60 ,,	272 · 608	104 ,,	472 · 521	16 ,,	3 · 522	60 ,,	13 · 206	104 ,,	22 · 890
17 ,,	77 · 239	61 ,,	277 · 151	105 ,,	477 · 064	17 ,,	3 · 742	61 ,,	13 · 426	105 ,,	23 · 110
18 ,,	81 · 782	62 ,,	281 · 695	106 ,,	481 · 607	18 ,,	3 · 962	62 ,,	13 · 646	106 ,,	23 · 330
19 ,,	86 · 326	63 ,,	286 · 238	107 ,,	486 · 151	19 ,,	4 · 182	63 ,,	13 · 866	107 ,,	23 · 550
20 ,,	90 · 869	64 ,,	290 · 782	108 ,,	490 · 694	20 ,,	4 · 402	64 ,,	14 · 086	108 ,,	23 · 770
21 ,,	95 · 413	65 ,,	295 · 325	109 ,,	495 · 238	21 ,,	4 · 622	65 ,,	14 · 306	109 ,,	23 · 990
22 ,,	99 · 956	66 ,,	299 · 869	110 ,,	499 · 781	22 ,,	4 · 842	66 ,,	14 · 526	110 ,,	24 · 211
23 ,,	104 · 500	67 ,,	304 · 412	111 ,,	504 · 325	23 ,,	5 · 062	67 ,,	14 · 746	111 ,,	24 · 431
24 ,,	109 · 043	68 ,,	308 · 956	112 ,,	508 · 868	24 ,,	5 · 282	68 ,,	14 · 967	112 ,,	24 · 651
25 ,,	113 · 587	69 ,,	313 · 499	113 ,,	513 · 412	25 ,,	5 · 502	69 ,,	15 · 187	113 ,,	24 · 871
26 ,,	118 · 130	70 ,,	318 · 043	114 ,,	517 · 955	26 ,,	5 · 722	70 ,,	15 · 407	114 ,,	25 · 091
27 ,,	122 · 674	71 ,,	322 · 586	115 ,,	522 · 499	27 ,,	5 · 943	71 ,,	15 · 627	115 ,,	25 · 311
28 ,,	127 · 217	72 ,,	327 · 130	116 ,,	527 · 042	28 ,,	6 · 163	72 ,,	15 · 847	116 ,,	25 · 531
29 ,,	131 · 761	73 ,,	331 · 673	117 ,,	531 · 586	29 ,,	6 · 383	73 ,,	16 · 067	117 ,,	25 · 751
30 ,,	136 · 304	74 ,,	336 · 217	118 ,,	536 · 129	30 ,,	6 · 603	74 ,,	16 · 287	118 ,,	25 · 971
31 ,,	140 · 847	75 ,,	340 · 760	119 ,,	540 · 673	31 ,,	6 · 823	75 ,,	16 · 507	119 ,,	26 · 191
32 ,,	145 · 391	76 ,,	345 · 303	10 shillings.	545 · 216	32 ,,	7 · 043	76 ,,	16 · 727	10 shillings.	26 · 412
33 ,,	149 · 934	77 ,,	349 · 847	11 ,,	599 · 738	33 ,,	7 · 263	77 ,,	16 · 947	11 ,,	29 · 053
34 ,,	154 · 478	78 ,,	354 · 390	12 ,,	654 · 259	34 ,,	7 · 483	78 ,,	17 · 167	12 ,,	31 · 694
35 ,,	159 · 021	79 ,,	358 · 939	13 ,,	708 · 781	35 ,,	7 · 703	79 ,,	17 · 388	13 ,,	34 · 335
36 ,,	163 · 565	80 ,,	363 · 477	14 ,,	763 · 302	36 ,,	7 · 923	80 ,,	17 · 608	14 ,,	36 · 976
37 ,,	168 · 108	81 ,,	368 · 021	15 ,,	817 · 824	37 ,,	8 · 144	81 ,,	17 · 828	15 ,,	39 · 617
38 ,,	172 · 652	82 ,,	372 · 564	16 ,,	872 · 346	38 ,,	8 · 364	82 ,,	18 · 048	16 ,,	42 · 258
39 ,,	177 · 195	83 ,,	377 · 108	17 ,,	926 · 867	39 ,,	8 · 584	83 ,,	18 · 268	17 ,,	44 · 900
40 ,,	181 · 739	84 ,,	381 · 651	18 ,,	981 · 389	40 ,,	8 · 804	84 ,,	18 · 488	18 ,,	47 · 541
41 ,,	186 · 282	85 ,,	386 · 195	19 ,,	1035 · 910	41 ,,	9 · 024	85 ,,	18 · 708	19 ,,	50 · 182
42 ,,	190 · 826	86 ,,	390 · 738	1 pound.	1090 · 432	42 ,,	9 · 244	86 ,,	18 · 928	1 pound.	52 · 823

IV.—Equivalent Prices in British Currency of Goods Bought and Sold by the Kilolitre and the Quarter.

Price per Kilolitre.	Is equal to per Quarter.	Price per Kilolitre.	Is equal to per Quarter.	Price per Kilolitre.	Is equal to per Quarter.	Price per Quarter.	Is equal to per Kilolitre.	Price per Quarter.	Is equal to per Kilolitre.	Price per Quarter.	Is equal to per Kilolitre.
	pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence. dec.
At 1 farthing.	0 · 073	At 43 pence.	12 · 504	At 87 pence.	25 · 298	At 1 farthing.	0 · 860	At 43 pence.	147 · 877	At 87 pence.	299 · 193
2 „	0 · 145	44 „	12 · 794	88 „	25 · 589	2 „	1 · 720	44 „	151 · 316	88 „	302 · 632
1 penny.	0 · 291	45 „	13 · 085	89 „	25 · 880	1 penny.	3 · 439	45 „	154 · 755	89 „	306 · 071
2 „	0 · 582	46 „	13 · 376	90 „	26 · 170	2 „	6 · 878	46 „	158 · 194	90 „	309 · 510
3 „	0 · 872	47 „	13 · 667	91 „	26 · 461	3 „	10 · 317	47 „	161 · 633	91 „	312 · 949
4 „	1 · 163	48 „	13 · 958	92 „	26 · 752	4 „	13 · 756	48 „	165 · 072	92 „	316 · 388
5 „	1 · 454	49 „	14 · 248	93 „	27 · 043	5 „	17 · 195	49 „	168 · 511	93 „	319 · 827
6 „	1 · 745	50 „	14 · 539	94 „	27 · 333	6 „	20 · 634	50 „	171 · 950	94 „	323 · 266
7 „	2 · 035	51 „	14 · 830	95 „	27 · 624	7 „	24 · 073	51 „	175 · 389	95 „	326 · 705
8 „	2 · 326	52 „	15 · 121	96 „	27 · 915	8 „	27 · 512	52 „	178 · 828	96 „	330 · 144
9 „	2 · 617	53 „	15 · 411	97 „	28 · 206	9 „	30 · 951	53 „	182 · 267	97 „	333 · 583
10 „	2 · 908	54 „	15 · 702	98 „	28 · 497	10 „	34 · 390	54 „	185 · 706	98 „	337 · 022
11 „	3 · 199	55 „	15 · 993	99 „	28 · 787	11 „	37 · 829	55 „	189 · 145	99 „	340 · 461
12 „	3 · 489	56 „	16 · 284	100 „	29 · 078	12 „	41 · 268	56 „	192 · 584	100 „	343 · 900
13 „	3 · 780	57 „	16 · 575	101 „	29 · 369	13 „	44 · 707	57 „	196 · 023	101 „	347 · 339
14 „	4 · 071	58 „	16 · 865	102 „	29 · 660	14 „	48 · 146	58 „	199 · 462	102 „	350 · 778
15 „	4 · 362	59 „	17 · 156	103 „	29 · 951	15 „	51 · 585	59 „	202 · 901	103 „	354 · 217
16 „	4 · 653	60 „	17 · 447	104 „	30 · 241	16 „	55 · 024	60 „	206 · 340	104 „	357 · 656
17 „	4 · 943	61 „	17 · 738	105 „	30 · 532	17 „	58 · 463	61 „	209 · 779	105 „	361 · 095
18 „	5 · 234	62 „	18 · 028	106 „	30 · 823	18 „	61 · 902	62 „	213 · 218	106 „	364 · 534
19 „	5 · 525	63 „	18 · 319	107 „	31 · 114	19 „	65 · 341	63 „	216 · 657	107 „	367 · 973
20 „	5 · 816	64 „	18 · 610	108 „	31 · 404	20 „	68 · 780	64 „	220 · 096	108 „	371 · 412
21 „	6 · 106	65 „	18 · 901	109 „	31 · 695	21 „	72 · 219	65 „	223 · 535	109 „	374 · 851
22 „	6 · 397	66 „	19 · 192	110 „	31 · 986	22 „	75 · 658	66 „	226 · 974	110 „	378 · 290
23 „	6 · 688	67 „	19 · 482	111 „	32 · 277	23 „	79 · 097	67 „	230 · 413	111 „	381 · 729
24 „	6 · 979	68 „	19 · 773	112 „	32 · 568	24 „	82 · 536	68 „	233 · 852	112 „	385 · 168
25 „	7 · 270	69 „	20 · 064	113 „	32 · 858	25 „	85 · 975	69 „	237 · 291	113 „	388 · 607
26 „	7 · 560	70 „	20 · 355	114 „	33 · 149	26 „	89 · 414	70 „	240 · 730	114 „	392 · 046
27 „	7 · 851	71 „	20 · 646	115 „	33 · 440	27 „	92 · 853	71 „	244 · 169	115 „	395 · 485
28 „	8 · 142	72 „	20 · 936	116 „	33 · 731	28 „	96 · 292	72 „	247 · 608	116 „	398 · 924
29 „	8 · 433	73 „	21 · 227	117 „	34 · 021	29 „	99 · 731	73 „	251 · 047	117 „	402 · 363
30 „	8 · 723	74 „	21 · 518	118 „	34 · 312	30 „	103 · 170	74 „	254 · 486	118 „	405 · 802
31 „	9 · 014	75 „	21 · 809	119 „	34 · 603	31 „	106 · 609	75 „	257 · 925	119 „	409 · 241
32 „	9 · 305	76 „	22 · 099	10 shillings.	34 · 894	32 „	110 · 048	76 „	261 · 364	10 shillings.	412 · 680
33 „	9 · 596	77 „	22 · 390	11 „	38 · 383	33 „	113 · 487	77 „	264 · 803	11 „	453 · 949
34 „	9 · 887	78 „	22 · 681	12 „	41 · 873	34 „	116 · 926	78 „	268 · 242	12 „	495 · 217
35 „	10 · 177	79 „	22 · 972	13 „	45 · 362	35 „	120 · 365	79 „	271 · 681	13 „	536 · 485
36 „	10 · 468	80 „	23 · 263	14 „	48 · 851	36 „	123 · 804	80 „	275 · 120	14 „	577 · 753
37 „	10 · 759	81 „	23 · 553	15 „	52 · 341	37 „	127 · 243	81 „	278 · 559	15 „	619 · 021
38 „	11 · 050	82 „	23 · 844	16 „	55 · 830	38 „	130 · 682	82 „	281 · 998	16 „	660 · 289
39 „	11 · 340	83 „	24 · 135	17 „	59 · 320	39 „	134 · 121	83 „	285 · 437	17 „	701 · 557
40 „	11 · 631	84 „	24 · 426	18 „	62 · 809	40 „	137 · 560	84 „	288 · 876	18 „	742 · 825
41 „	11 · 922	85 „	24 · 716	19 „	66 · 298	41 „	140 · 999	85 „	292 · 315	19 „	784 · 093
42 „	12 · 213	86 „	25 · 007	1 pound.	69 · 788	42 „	144 · 438	86 „	295 · 754	1 pound.	825 · 361

V.—Equivalent Prices in British Currency of Goods Bought and Sold by the Dekagram and the Ounce Troy.

Price per Dekagram.	Is equal to per Ounce Troy.	Price per Dekagram.	Is equal to per Ounce Troy.	Price per Dekagram.	Is equal to per Ounce Troy.	Price per Ounce Troy.	Is equal to per Dekagram.	Price per Ounce Troy.	Is equal to per Dekagram.	Price per Ounce Troy.	Is equal to per Dekagram.
	pence. dec.		pence. dec		pence. dec.		pence. dec.		pence dec.		Pence. dec.
At 1 farthing.	0 · 778	At 43 pence.	133 · 745	At 87 pence.	270 600	At 1 farthing	0 · 080	At 43 pence.	13 · 825	At 87 pence.	27 · 971
2 ,,	1 · 555	44 ,,	136 · 855	88 ,,	273 · 711	2 ,,	0 · 161	44 ,,	14 · 146	88 ,,	28 · 293
1 penny.	3 · 110	45 ,,	139 · 966	89 ,,	276 · 821	1 penny.	0 · 322	45 ,,	14 · 468	89 ,,	28 · 614
2 ,,	6 · 221	46 ,,	143 · 076	90 ,,	279 · 931	2 ,,	0 · 643	46 ,,	14 · 789	90 ,,	28 · 936
3 ,,	9 · 331	47 ,,	146 · 186	91 ,,	283 · 042	3 ,,	0 · 965	47 ,,	15 · 111	91 ,,	29 · 257
4 ,,	12 · 441	48 ,,	149 · 297	92 ,,	286 · 152	4 ,,	1 · 286	48 ,,	15 · 432	92 ,,	29 · 579
5 ,,	15 · 552	49 ,,	152 · 407	93 ,,	289 · 263	5 ,,	1 · 608	49 ,,	15 · 754	93 ,,	29 · 900
6 ,,	18 · 662	50 ,,	155 · 517	94 ,,	292 · 373	6 ,,	1 · 929	50 ,,	16 · 076	94 ,,	30 · 222
7 ,,	21 · 772	51 ,,	158 · 628	95 ,,	295 · 483	7 ,,	2 · 251	51 ,,	16 · 397	95 ,,	30 · 543
8 ,,	24 · 883	52 ,,	161 · 738	96 ,,	298 · 594	8 ,,	2 · 572	52 ,,	16 · 719	96 ,,	30 · 865
9 ,,	27 · 993	53 ,,	164 · 849	97 ,,	301 · 704	9 ,,	2 · 894	53 ,,	17 · 040	97 ,,	31 · 186
10 ,,	31 · 103	54 ,,	167 · 959	98 ,,	304 · 814	10 ,,	3 · 215	54 ,,	17 · 362	98 ,,	31 · 508
11 ,,	34 · 214	55 ,,	171 · 069	99 ,,	307 · 825	11 ,,	3 · 537	55 ,,	17 · 683	99 ,,	31 · 829
12 ,,	37 · 324	56 ,,	174 · 180	100 ,,	311 · 035	12 ,,	3 · 858	56 ,,	18 · 005	100 ,,	32 · 151
13 ,,	40 · 435	57 ,,	177 · 290	101 ,,	314 · 145	13 ,,	4 · 180	57 ,,	18 · 326	101 ,,	32 · 473
14 ,,	43 · 545	58 ,,	180 · 400	102 ,,	317 · 256	14 ,,	4 · 501	58 ,,	18 · 648	102 ,,	32 · 794
15 ,,	46 · 655	59 ,,	183 · 511	103 ,,	320 · 366	15 ,,	4 · 823	59 ,,	18 · 969	103 ,,	33 · 116
16 ,,	49 · 766	60 ,,	186 · 621	104 ,,	323 · 476	16 ,,	5 · 144	60 ,,	19 · 291	104 ,,	33 · 437
17 ,,	52 · 876	61 ,,	189 · 731	105 ,,	326 · 587	17 ,,	5 · 466	61 ,,	19 · 612	105 ,,	33 · 759
18 ,,	55 · 986	62 ,,	192 · 842	106 ,,	329 · 697	18 ,,	5 · 787	62 ,,	19 · 934	106 ,,	34 · 080
19 ,,	59 · 097	63 ,,	195 · 952	107 ,,	332 · 807	19 ,,	6 · 109	63 ,,	20 · 255	107 ,,	34 · 402
20 ,,	62 · 207	64 ,,	199 · 062	108 ,,	335 · 918	20 ,,	6 · 430	64 ,,	20 · 577	108 ,,	34 · 723
21 ,,	65 · 317	65 ,,	202 · 173	109 ,,	339 · 028	21 ,,	6 · 752	65 ,,	20 · 898	109 ,,	35 · 045
22 ,,	68 · 428	66 ,,	205 · 283	110 ,,	342 · 138	22 ,,	7 · 073	66 ,,	21 · 220	110 ,,	35 · 366
23 ,,	71 · 538	67 ,,	208 · 393	111 ,,	345 · 249	23 ,,	7 · 395	67 ,,	21 · 541	111 ,,	35 · 688
24 ,,	74 · 648	68 ,,	211 · 504	112 ,,	348 · 359	24 ,,	7 · 716	68 ,,	21 · 863	112 ,,	36 · 009
25 ,,	77 · 759	69 ,,	214 · 614	113 ,,	351 · 470	25 ,,	8 · 038	69 ,,	22 · 184	113 ,,	36 · 331
26 ,,	80 · 869	70 ,,	217 · 724	114 ,,	354 · 580	26 ,,	8 · 359	70 ,,	22 · 506	114 ,,	36 · 652
27 ,,	83 · 979	71 ,,	220 · 835	115 ,,	357 · 690	27 ,,	8 · 681	71 ,,	22 · 827	115 ,,	36 · 974
28 ,,	87 · 090	72 ,,	223 · 945	116 ,,	360 · 801	28 ,,	9 · 002	72 ,,	23 · 149	116 ,,	37 · 295
29 ,,	90 · 200	73 ,,	227 · 056	117 ,,	363 · 911	29 ,,	9 · 324	73 ,,	23 · 470	117 ,,	37 · 617
30 ,,	93 · 310	74 ,,	230 · 166	118 ,,	367 · 021	30 ,,	9 · 645	74 ,,	23 · 792	118 ,,	37 · 938
31 ,,	96 · 421	75 ,,	233 · 276	119 ,,	370 · 132	31 ,,	9 · 967	75 ,,	24 · 113	119 ,,	38 · 260
32 ,,	99 · 531	76 ,,	236 · 387	10 shillings.	373 · 242	32 ,,	10 · 288	76 ,,	24 · 435	10 shillings.	38 · 581
33 ,,	102 · 642	77 ,,	239 · 497	11 ,,	410 · 566	33 ,,	10 · 610	77 ,,	24 · 756	11 ,,	42 · 439
34 ,,	105 · 752	78 ,,	242 · 607	12 ,,	447 · 890	34 ,,	10 · 931	78 ,,	25 · 078	12 ,,	46 · 297
35 ,,	108 · 862	79 ,,	245 · 718	13 ,,	485 · 215	35 ,,	11 · 253	79 ,,	25 · 399	13 ,,	50 · 156
36 ,,	111 · 973	80 ,,	248 · 828	14 ,,	522 · 539	36 ,,	11 · 574	80 ,,	25 · 721	14 ,,	54 · 014
37 ,,	115 · 083	81 ,,	251 · 938	15 ,,	559 · 863	37 ,,	11 · 896	81 ,,	26 · 042	15 ,,	57 · 872
38 ,,	118 · 193	82 ,,	255 · 049	16 ,,	597 · 187	38 ,,	12 · 217	82 ,,	26 · 364	16 ,,	61 · 730
39 ,,	121 · 304	83 ,,	258 · 159	17 ,,	634 · 511	39 ,,	12 · 539	83 ,,	26 · 685	17 ,,	65 · 588
40 ,,	124 · 414	84 ,,	261 · 269	18 ,,	671 · 836	40 ,,	12 · 860	84 ,,	27 · 007	18 ,,	69 · 446
41 ,,	127 · 524	85 ,,	264 · 380	19 ,,	709 · 160	41 ,,	13 · 182	85 ,,	27 · 328	19 ,,	73 · 304
42 ,,	130 · 635	86 ,,	267 · 490	1 pound.	746 · 484	42 ,,	13 · 503	86 ,,	27 · 650	1 pound.	77 · 162

VI.—Equivalent Prices in British Currency of Goods Bought and Sold by the Kilogram and Pound Avoirdupois.

Price per Kilogram.	Is equal to per lb. Avoir.	Price per Kilogram.	Is equal to per lb. Avoir.	Price per Kilogram.	Is equal to per lb. Avoir.	Price per lb. Avoirdupois.	Is equal to per Kilogram.	Price per lb. Avoirdupois.	Is equal to per Kilogram.	Price per lb. Avoirdupois.	Is equal to per Kilogram.
	pence. dec.		pence. dec.		pence. dec.		pence. dec.		pence dec.		pence. dec.
At 1 farthing.	0 · 113	At 43 pence.	19 · 504	At 87 pence.	39 · 463	At 1 farthing.	0 · 551	At 43 pence.	94 · 799	At 87 pence.	191 · 802
2 ,,	0 · 227	44 ,,	19 · 958	88 ,,	39 · 916	2 ,,	1 · 102	44 ,,	97 · 003	88 ,,	194 · 007
1 penny.	0 · 454	45 ,,	20 · 412	89 ,,	40 · 370	1 penny.	2 · 205	45 ,,	99 · 208	89 ,,	196 · 211
2 ,,	0 · 907	46 ,,	20 · 865	90 ,,	40 · 823	2 ,,	4 · 409	46 ,,	101 · 413	90 ,,	198 · 416
3 ,,	1 · 361	47 ,,	21 · 319	91 ,,	41 · 277	3 ,,	6 · 614	47 ,,	103 · 617	91 ,,	200 · 620
4 ,,	1 · 814	48 ,,	21 · 772	92 ,,	41 · 731	4 ,,	8 · 818	48 ,,	105 · 822	92 ,,	202 · 825
5 ,,	2 · 268	49 ,,	22 · 226	93 ,,	42 · 184	5 ,,	11 · 023	49 ,,	108 · 026	93 ,,	205 · 030
6 ,,	2 · 722	50 ,,	22 · 680	94 ,,	42 · 638	6 ,,	13 · 228	50 ,,	110 · 231	94 ,,	207 · 234
7 ,,	3 · 175	51 ,,	23 · 133	95 ,,	43 · 091	7 ,,	15 · 432	51 ,,	112 · 436	95 ,,	209 · 439
8 ,,	3 · 629	52 ,,	23 · 587	96 ,,	43 · 545	8 ,,	17 · 637	52 ,,	114 · 640	96 ,,	211 · 644
9 ,,	4 · 082	53 ,,	24 · 040	97 ,,	43 · 999	9 ,,	19 · 842	53 ,,	116 · 845	97 ,,	213 · 848
10 ,,	4 · 536	54 ,,	24 · 494	98 ,,	44 · 452	10 ,,	22 · 046	54 ,,	119 · 049	98 ,,	216 · 053
11 ,,	4 · 990	55 ,,	24 · 948	99 ,,	44 · 906	11 ,,	24 · 251	55 ,,	121 · 254	99 ,,	218 · 257
12 ,,	5 · 443	56 ,,	25 · 401	100 ,,	45 · 359	12 ,,	26 · 455	56 ,,	123 · 459	100 ,,	220 · 462
13 ,,	5 · 897	57 ,,	25 · 855	101 ,,	45 · 813	13 ,,	28 · 660	57 ,,	125 · 663	101 ,,	222 · 667
14 ,,	6 · 350	58 ,,	26 · 308	102 ,,	46 · 266	14 ,,	30 · 865	58 ,,	127 · 868	102 ,,	224 · 871
15 ,,	6 · 804	59 ,,	26 · 762	103 ,,	46 · 720	15 ,,	33 · 069	59 ,,	130 · 073	103 ,,	227 · 076
16 ,,	7 · 257	60 ,,	27 · 216	104 ,,	47 · 174	16 ,,	35 · 274	60 ,,	132 · 277	104 ,,	229 · 280
17 ,,	7 · 711	61 ,,	27 · 669	105 ,,	47 · 627	17 ,,	37 · 479	61 ,,	134 · 482	105 ,,	231 · 485
18 ,,	8 · 165	62 ,,	28 · 123	106 ,,	48 · 081	18 ,,	39 · 683	62 ,,	136 · 686	106 ,,	233 · 690
19 ,,	8 · 618	63 ,,	28 · 576	107 ,,	48 · 534	19 ,,	41 · 888	63 ,,	138 · 891	107 ,,	235 · 894
20 ,,	9 · 072	64 ,,	29 · 030	108 ,,	48 · 988	20 ,,	44 · 092	64 ,,	141 · 096	108 ,,	238 · 099
21 ,,	9 · 525	65 ,,	29 · 484	109 ,,	49 · 442	21 ,,	46 · 297	65 ,,	143 · 300	109 ,,	240 · 304
22 ,,	9 · 979	66 ,,	29 · 937	110 ,,	49 · 895	22 ,,	48 · 502	66 ,,	145 · 505	110 ,,	242 · 508
23 ,,	10 · 433	67 ,,	30 · 391	111 ,,	50 · 349	23 ,,	50 · 706	67 ,,	147 · 710	111 ,,	244 · 713
24 ,,	10 · 886	68 ,,	30 · 844	112 ,,	50 · 802	24 ,,	52 · 911	68 ,,	149 · 914	112 ,,	246 · 917
25 ,,	11 · 340	69 ,,	31 · 298	113 ,,	51 · 256	25 ,,	55 · 116	69 ,,	152 · 119	113 ,,	249 · 122
26 ,,	11 · 793	70 ,,	31 · 752	114 ,,	51 · 710	26 ,,	57 · 320	70 ,,	154 · 323	114 ,,	251 · 327
27 ,,	12 · 247	71 ,,	32 · 205	115 ,,	52 · 163	27 ,,	59 · 525	71 ,,	156 · 528	115 ,,	253 · 531
28 ,,	12 · 701	72 ,,	32 · 659	116 ,,	52 · 617	28 ,,	61 · 729	72 ,,	158 · 733	116 ,,	255 · 736
29 ,,	13 · 154	73 ,,	33 · 112	117 ,,	53 · 070	29 ,,	63 · 934	73 ,,	160 · 937	117 ,,	257 · 941
30 ,,	13 · 608	74 ,,	33 · 566	118 ,,	53 · 524	30 ,,	66 · 139	74 ,,	163 · 142	118 ,,	260 · 145
31 ,,	14 · 061	75 ,,	34 · 019	119 ,,	53 · 978	31 ,,	68 · 343	75 ,,	165 · 347	119 ,,	262 · 350
32 ,,	14 · 515	76 ,,	34 · 473	10 shillings.	54 · 431	32 ,,	70 · 548	76 ,,	167 · 551	10 shillings.	264 · 554
33 ,,	14 · 969	77 ,,	34 · 927	11 ,,	59 · 874	33 ,,	72 · 752	77 ,,	169 · 756	11 ,,	291 · 010
34 ,,	15 · 422	78 ,,	35 · 380	12 ,,	65 · 317	34 ,,	74 · 957	78 ,,	171 · 960	12 ,,	317 · 465
35 ,,	15 · 876	79 ,,	35 · 834	13 ,,	70 · 761	35 ,,	77 · 162	79 ,,	174 · 165	13 ,,	343 · 921
36 ,,	16 · 329	80 ,,	36 · 287	14 ,,	76 · 204	36 ,,	79 · 366	80 ,,	176 · 370	14 ,,	370 · 376
37 ,,	16 · 783	81 ,,	36 · 741	15 ,,	81 · 647	37 ,,	81 · 571	81 ,,	178 · 574	15 ,,	396 · 832
38 ,,	17 · 237	82 ,,	37 · 195	16 ,,	87 · 090	38 ,,	83 · 776	82 ,,	180 · 779	16 ,,	423 · 287
39 ,,	17 · 690	83 ,,	37 · 648	17 ,,	92 · 533	39 ,,	85 · 980	83 ,,	182 · 983	17 ,,	449 · 742
40 ,,	18 · 144	84 ,,	38 · 102	18 ,,	97 · 976	40 ,,	88 · 185	84 ,,	185 · 188	18 ,,	476 · 198
41 ,,	18 · 597	85 ,,	38 · 555	19 ,,	103 · 419	41 ,,	90 · 389	85 ,,	187 · 393	19 ,,	502 · 653
42 ,,	19 · 051	86 ,,	39 · 009	1 pound.	108 · 862	42 ,,	92 · 594	86 ,,	189 · 597	1 pound.	529 · 109

TABLES OF EQUIVALENT PRICES

IN

BRITISH AND FRENCH CURRENCY

OF

GOODS BOUGHT OR SOLD BY ONE SYSTEM OF WEIGHTS AND MEASURES COMPARED WITH THOSE OF THE OTHER.

1, 2.—THE METRE AND THE YARD.
3, 4.—THE LITRE AND THE PINT.
5, 6.—THE LITRE AND THE GALLON.
7, 8.—THE KILOLITRE AND THE QUARTER.
9, 10.—THE DEKAGRAM AND THE OUNCE TROY.
11, 12.—THE KILOGRAM AND THE POUND AVOIRDUPOIS.

N.B.—An Arbitrated Buying or Selling Price may easily be found by adding the Charges. Thus:

	pence.
The Equivalent Price of 2 Francs per Metre, at Exchange 25 Francs per £ (see p. 76), is	17 · 556 per yard.
Say Charges 3 per cent. (·17556 × 3 =)	0 · 527
So that the Arbitrated Price is . . pence	18 · 083 per yard.

I.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Metre and the Yard (Exchange, 25 Francs per £).

Price per Metre.	Is equal to per Yard (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Metre.	Is equal to per Yard (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Metre.	Is equal to per Yard (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence. dec.	pence. dec.
At 1 centime	0 · 088	0 . 00034	At 43 centimes	3 · 775	0 . 01452	At 85 centimes	7 · 461	0 . 02870
2 ,,	0 · 176	0 . 00068	44 ,,	3 · 862	0 . 01486	86 ,,	7 · 549	0 . 02904
3 ,,	0 · 263	0 . 00101	45 ,,	3 · 950	0 . 01519	87 ,,	7 · 637	0 . 02937
4 ,,	0 · 351	0 . 00135	46 ,,	4 · 038	0 . 01553	88 ,,	7 · 725	0 . 02971
5 ,,	0 · 439	0 . 00169	47 ,,	4 · 126	0 . 01587	89 ,,	7 · 813	0 . 03005
6 ,,	0 · 527	0 . 00203	48 ,,	4 · 213	0 . 01621	90 ,,	7 · 900	0 . 03039
7 ,,	0 · 614	0 . 00236	49 ,,	4 · 301	0 . 01654	91 ,,	7 · 988	0 . 03072
8 ,,	0 · 702	0 . 00270	50 ,,	4 · 389	0 . 01688	92 ,,	8 · 076	0 . 03106
9 ,,	0 · 790	0 . 00304	51 ,,	4 · 477	0 . 01722	93 ,,	8 · 164	0 . 03140
10 ,,	0 · 878	0 . 00338	52 ,,	4 · 565	0 . 01756	94 ,,	8 · 251	0 . 03174
11 ,,	0 · 966	0 . 00371	53 ,,	4 · 652	0 . 01789	95 ,,	8 · 339	0 . 03207
12 ,,	1 · 053	0 . 00405	54 ,,	4 · 740	0 . 01823	96 ,,	8 · 427	0 . 03241
13 ,,	1 · 141	0 . 00439	55 ,,	4 · 828	0 . 01857	97 ,,	8 · 515	0 . 03275
14 ,,	1 · 229	0 . 00473	56 ,,	4 · 916	0 . 01891	98 ,,	8 · 603	0 . 03309
15 ,,	1 · 317	0 . 00506	57 ,,	5 · 004	0 . 01924	99 ,,	8 · 690	0 . 03342
16 ,,	1 · 404	0 . 00540	58 ,,	5 · 091	0 . 01958	1 franc	8 · 778	0 . 034
17 ,,	1 · 492	0 . 00574	59 ,,	5 · 179	0 . 01992	2 ,,	17 · 556	0 . 068
18 ,,	1 · 580	0 . 00608	60 ,,	5 · 267	0 . 02026	3 ,,	26 · 334	0 . 101
19 ,,	1 · 668	0 . 00641	61 ,,	5 · 355	0 . 02059	4 ,,	35 · 112	0 . 135
20 ,,	1 · 756	0 . 00675	62 ,,	5 · 442	0 . 02093	5 ,,	43 · 890	0 . 169
21 ,,	1 · 843	0 . 00709	63 ,,	5 · 530	0 . 02127	6 ,,	52 · 668	0 . 203
22 ,,	1 · 931	0 . 00743	64 ,,	5 · 618	0 . 02161	7 ,,	61 · 447	0 . 236
23 ,,	2 · 019	0 . 00777	65 ,,	5 · 706	0 . 02195	8 ,,	70 · 225	0 . 270
24 ,,	2 · 107	0 . 00810	66 ,,	5 · 794	0 . 02228	9 ,,	79 · 003	0 . 304
25 ,,	2 · 195	0 . 00844	67 ,,	5 · 881	0 . 02262	10 ,,	87 · 781	0 . 338
26 ,,	2 · 282	0 . 00878	68 ,,	5 · 969	0 . 02296	11 ,,	96 · 559	0 . 371
27 ,,	2 · 370	0 . 00912	69 ,,	6 · 057	0 . 02330	12 ,,	105 · 337	0 . 405
28 ,,	2 · 458	0 . 00945	70 ,,	6 · 145	0 . 02363	13 ,,	114 · 115	0 . 439
29 ,,	2 · 546	0 . 00979	71 ,,	6 · 232	0 . 02397	14 ,,	122 · 893	0 . 473
30 ,,	2 · 633	0 . 01013	72 ,,	6 · 320	0 . 02431	15 ,,	131 · 671	0 . 506
31 ,,	2 · 721	0 . 01047	73 ,,	6 · 408	0 . 02465	16 ,,	140 · 449	0 . 540
32 ,,	2 · 809	0 . 01080	74 ,,	6 · 496	0 . 02498	17 ,,	149 · 227	0 . 574
33 ,,	2 · 897	0 . 01114	75 ,,	6 · 584	0 . 02532	18 ,,	158 · 005	0 . 608
34 ,,	2 · 985	0 . 01148	76 ,,	6 · 671	0 . 02566	19 ,,	166 · 783	0 . 641
35 ,,	3 · 072	0 . 01182	77 ,,	6 · 759	0 . 02600	20 ,,	175 · 562	0 . 675
36 ,,	3 · 160	0 . 01215	78 ,,	6 · 847	0 . 02633	21 ,,	184 · 340	0 . 709
37 ,,	3 · 248	0 . 01249	79 ,,	6 · 935	0 . 02667	22 ,,	193 · 118	0 . 743
38 ,,	3 · 336	0 . 01283	80 ,,	7 · 022	0 . 02701	23 ,,	201 · 896	0 . 777
39 ,,	3 · 423	0 . 01317	81 ,,	7 · 110	0 . 02735	24 ,,	210 · 674	0 . 810
40 ,,	3 · 511	0 . 01350	82 ,,	7 · 198	0 . 02768	25 ,,	219 · 452	0 . 844
41 ,,	3 · 599	0 . 01384	83 ,,	7 · 286	0 . 02802	26 ,,	228 · 230	0 . 878
42 ,,	3 · 687	0 . 01418	84 ,,	7 · 374	0 . 02836	27 ,,	237 · 008	0 . 912

II.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Yard and the Metre (Exchange 25 Francs per £).

Price per Yard.	Is equal to per Metre (Exchange 25 Francs per £).		Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		Price per Yard.	Is equal to per Metre (Exchange 25 Francs per £).		Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		Price per Yard.	Is equal to per Metre (Exchange 25 Francs per £).		Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.	
	Francs.	cents. dec.	Francs.	cents. dec.		Francs.	cents. dec.	Francs.	cents. dec.		Francs.	cents. dec.	Francs.	cents. dec.
1 farthing	...	02 · 85	...	00 · 011	43 pence	4	89 · 86	...	01 · 959	87 pence	9	91 · 10	...	03 · 965
2 ,,	...	05 · 70	...	00 · 023	44 ,,	5	01 · 25	...	02 · 005	88 ,,	10	02 · 50	...	04 · 010
1 penny	...	11 · 39	...	00 · 046	45 ,,	5	12 · 64	...	02 · 051	89 ,,	10	13 · 89	...	04 · 056
2 ,,	...	22 · 78	...	00 · 091	46 ,,	5	24 · 03	...	02 · 096	90 ,,	10	25 · 28	...	04 · 101
3 ,,	...	34 · 18	...	00 · 137	47 ,,	5	35 · 42	...	02 · 142	91 ,,	10	36 · 67	...	04 · 147
4 ,,	...	45 · 57	...	00 · 182	48 ,,	5	46 · 82	...	02 · 187	92 ,,	10	48 · 06	...	04 · 192
5 ,,	...	56 · 96	...	00 · 228	49 ,,	5	58 · 21	...	02 · 233	93 ,,	10	59 · 46	...	04 · 238
6 ,,	...	68 · 35	...	00 · 273	50 ,,	5	69 · 60	...	02 · 278	94 ,,	10	70 · 85	...	04 · 284
7 ,,	...	79 · 74	...	00 · 319	51 ,,	5	80 · 99	...	02 · 324	95 ,,	10	82 · 24	...	04 · 329
8 ,,	...	91 · 14	...	00 · 365	52 ,,	5	92 · 38	...	02 · 370	96 ,,	10	93 · 63	...	04 · 375
9 ,,	1	02 · 53	...	00 · 410	53 ,,	6	03 · 78	...	02 · 415	97 ,,	11	05 · 02	...	04 · 420
10 ,,	1	13 · 92	...	00 · 456	54 ,,	6	15 · 17	...	02 · 461	98 ,,	11	16 · 42	...	04 · 466
11 ,,	1	25 · 31	...	00 · 501	55 ,,	6	26 · 56	...	02 · 506	99 ,,	11	27 · 81	...	04 · 511
12 ,,	1	36 · 70	...	00 · 547	56 ,,	6	37 95	...	02 · 552	100 ,,	11	39 · 20	...	04 · 557
13 ,,	1	48 · 10	...	00 · 592	57 ,,	6	49 · 34	...	02 · 597	101 ,,	11	50 · 59	...	04 · 603
14 ,,	1	59 · 49	...	00 · 638	58 ,,	6	60 · 74	...	02 · 643	102 ,,	11	61 · 99	...	04 · 648
15 ,,	1	70 · 88	...	00 · 684	59 ,,	6	72 · 13	...	02 · 689	103 ,,	11	73 · 38	...	04 · 694
16 ,,	1	82 · 27	...	00 · 729	60 ,,	6	83 · 52	...	02 · 734	104 ,,	11	84 · 77	...	04 · 739
17 ,,	1	93 · 66	...	00 · 775	61 ,,	6	94 · 91	...	02 · 780	105 ,,	11	96 · 16	...	04 · 785
18 ,,	2	05 · 06	...	00 · 820	62 ,,	7	06 · 30	...	02 · 825	106 ,,	12	07 · 55	...	04 · 830
19 ,,	2	16 · 45	...	00 · 866	63 ,,	7	17 · 70	...	02 · 871	107 ,,	12	18 · 95	...	04 · 876
20 ,,	2	27 · 84	...	00 · 911	64 ,,	7	29 · 09	...	02 · 916	108 ,,	12	30 · 34	...	04 · 922
21 ,,	2	39 · 23	...	00 · 957	65 ,,	7	40 · 48	...	02 · 962	109 ,,	12	41 · 73	...	04 · 967
22 ,,	2	50 · 62	...	01 · 003	66 ,,	7	51 · 87	...	03 · 008	110 ,,	12	53 · 12	...	05 · 013
23 ,,	2	62 · 02	...	01 · 048	67 ,,	7	63 · 26	...	03 · 053	111 ,,	12	64 · 51	...	05 · 058
24 ,,	2	73 · 41	...	01 · 094	68 ,,	7	74 · 66	...	03 · 099	112 ,,	12	75 · 91	...	05 · 104
25 ,,	2	84 · 80	...	01 · 139	69 ,,	7	86 · 05	...	03 · 144	113 ,,	12	87 · 30	...	05 · 149
26 ,,	2	96 · 19	...	01 · 185	70 ,,	7	97 · 44	...	03 · 190	114 ,,	12	98 · 69	...	05 · 195
27 ,,	3	07 · 58	...	01 · 230	71 ,,	8	08 · 83	...	03 · 235	115 ,,	13	10 · 08	...	05 · 241
28 ,,	3	18 · 98	...	01 · 276	72 ,,	8	20 · 22	...	03 · 281	116 ,,	13	21 · 47	...	05 · 286
29 ,,	3	30 · 37	...	01 · 322	73 ,,	8	31 · 62	...	03 · 327	117 ,,	13	32 · 87	...	05 · 332
30 ,,	3	41 · 76	...	01 · 367	74 ,,	8	43 · 01	...	03 · 372	118 ,,	13	44 · 26	...	05 · 377
31 ,,	3	53 · 15	...	01 · 413	75 ,,	8	54 · 40	...	03 · 418	119 ,,	13	55 · 65	...	05 · 423
32 ,,	3	64 · 54	...	01 · 458	76 ,,	8	65 · 79	...	03 · 463	10 shills.	13	67 · 04	...	05 · 468
33 ,,	3	75 · 94	...	01 · 504	77 ,,	8	77 · 18	...	03 · 509	11 ,,	15	03 · 75	...	06 · 015
34 ,,	3	87 · 33	...	01 · 549	78 ,,	8	88 · 58	...	03 · 554	12 ,,	16	40 · 45	...	06 · 562
35 ,,	3	98 · 72	...	01 · 595	79 ,,	8	99 · 97	...	03 · 600	13 ,,	17	77 · 15	...	07 · 109
36 ,,	4	10 · 11	...	01 · 641	80 ,,	9	11 · 36	...	03 · 646	14 ,,	19	13 · 86	...	07 · 656
37 ,,	4	21 · 50	...	01 · 686	81 ,,	9	22 · 75	...	03 · 691	15 ,,	20	50 · 56	...	08 · 203
38 ,,	4	32 · 90	...	01 · 732	82 ,,	9	34 · 14	...	03 · 737	16 ,,	21	87 · 27	...	08 · 749
39 ,,	4	44 · 29	...	01 · 777	83 ,,	9	45 · 54	...	03 · 782	17 ,,	23	23 · 97	...	09 · 296
40 ,,	4	55 · 68	...	01 · 823	84 ,,	9	56 · 93	...	03 · 828	18 ,,	24	60 · 67	...	09 · 843
41 ,,	4	67 · 07	...	01 · 868	85 ,,	9	68 · 32	...	03 · 873	19 ,,	25	97 · 38	...	10 · 390
42 ,,	4	78 · 46	...	01 · 914	86 ,,	9	79 · 71	...	03 · 919	1 pound	27	34 · 08	...	10 · 937

III.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Litre and the Pint (Exchange, 25 Francs per £).

Price per Litre.	Is equal to per Pint (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Litre.	Is equal to per Pint (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Litre.	Is equal to per Pint (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence. dec.	pence. dec.
At 1 centime	0 · 055	0 . 00021	At 43 centimes	2 · 344	0 . 00902	At 85 centimes	4 · 634	0 . 01782
2 ,,	0 · 109	0 . 00042	44 ,,	2 · 399	0 . 00923	86 ,,	4 · 689	0 . 01803
3 ,,	0 · 164	0 . 00063	45 ,,	2 · 453	0 . 00944	87 ,,	4 · 743	0 . 01824
4 ,,	0 · 218	0 . 00084	46 ,,	2 · 508	0 . 00965	88 ,,	4 · 798	0 . 01845
5 ,,	0 · 273	0 . 00105	47 ,,	2 · 562	0 . 00986	89 ,,	4 · 852	0 . 01866
6 ,,	0 · 327	0 . 00126	48 ,,	2 · 617	0 . 01007	90 ,,	4 · 907	0 . 01887
7 ,,	0 · 382	0 . 00147	49 ,,	2 · 671	0 . 01028	91 ,,	4 · 961	0 . 01908
8 ,,	0 · 436	0 . 00168	50 ,,	2 · 726	0 . 01048	92 ,,	5 · 016	0 . 01929
9 ,,	0 · 491	0 . 00189	51 ,,	2 · 781	0 . 01069	93 ,,	5 · 070	0 . 01950
10 ,,	0 · 545	0 . 00210	52 ,,	2 · 835	0 . 01090	94 ,,	5 · 125	0 . 01971
11 ,,	0 · 600	0 . 00231	53 ,,	2 · 890	0 . 01111	95 ,,	5 · 179	0 . 01992
12 ,,	0 · 654	0 . 00252	54 ,,	2 · 944	0 . 01132	96 ,,	5 · 234	0 . 02013
13 ,,	0 · 709	0 . 00273	55 ,,	2 · 999	0 . 01153	97 ,,	5 · 288	0 . 02034
14 ,,	0 · 763	0 . 00294	56 ,,	3 · 053	0 . 01174	98 ,,	5 · 343	0 . 02055
15 ,,	0 · 818	0 . 00315	57 ,,	3 · 108	0 . 01195	99 ,,	5 · 397	0 . 02076
16 ,,	0 · 872	0 . 00336	58 ,,	3 · 162	0 . 01216	1 franc	5 · 452	0 . 021
17 ,,	0 · 927	0 . 00356	59 ,,	3 · 217	0 . 01237	2 ,,	10 · 904	0 . 042
18 ,,	0 · 981	0 . 00377	60 ,,	3 · 271	0 . 01258	3 ,,	16 · 356	0 . 063
19 ,,	1 · 036	0 . 00398	61 ,,	3 · 326	0 . 01279	4 ,,	21 · 809	0 . 084
20 ,,	1 · 090	0 . 00419	62 ,,	3 · 380	0 . 01300	5 ,,	27 · 261	0 . 105
21 ,,	1 · 145	0 . 00440	63 ,,	3 · 435	0 . 01321	6 ,,	32 · 713	0 . 126
22 ,,	1 · 199	0 . 00461	64 ,,	3 · 489	0 . 01342	7 ,,	38 · 165	0 . 147
23 ,,	1 · 254	0 . 00482	65 ,,	3 · 544	0 . 01363	8 ,,	43 · 617	0 . 168
24 ,,	1 · 309	0 . 00503	66 ,,	3 · 598	0 . 01384	9 ,,	49 · 069	0 . 189
25 ,,	1 · 363	0 . 00524	67 ,,	3 · 653	0 . 01405	10 ,,	54 · 522	0 . 210
26 ,,	1 · 418	0 . 00545	68 ,,	3 · 707	0 . 01426	11 ,,	59 · 974	0 . 231
27 ,,	1 · 472	0 . 00566	69 ,,	3 · 762	0 . 01447	12 ,,	65 · 426	0 . 252
28 ,,	1 · 527	0 . 00587	70 ,,	3 · 816	0 . 01468	13 ,,	70 · 878	0 . 273
29 ,,	1 · 581	0 . 00608	71 ,,	3 · 871	0 . 01489	14 ,,	76 · 330	0 . 294
30 ,,	1 · 636	0 . 00629	72 ,,	3 · 925	0 . 01510	15 ,,	81 · 782	0 . 315
31 ,,	1 · 690	0 . 00650	73 ,,	3 · 980	0 . 01531	16 ,,	87 · 235	0 . 336
32 ,,	1 · 745	0 . 00671	74 ,,	4 · 034	0 . 01552	17 ,,	92 · 687	0 . 356
33 ,,	1 · 799	0 . 00692	75 ,,	4 · 089	0 . 01573	18 ,,	98 · 139	0 . 377
34 ,,	1 · 854	0 . 00713	76 ,,	4 · 144	0 . 01594	19 ,,	103 · 591	0 . 398
35 ,,	1 · 908	0 . 00734	77 ,,	4 · 198	0 . 01615	20 ,,	109 · 043	0 . 419
36 ,,	1 · 963	0 . 00755	78 ,,	4 · 253	0 . 01636	21 ,,	114 · 495	0 . 440
37 ,,	2 · 017	0 . 00776	79 ,,	4 · 307	0 . 01657	22 ,,	119 · 947	0 . 461
38 ,,	2 · 072	0 . 00797	80 ,,	4 · 362	0 . 01678	23 ,,	125 · 400	0 . 482
39 ,,	2 · 126	0 . 00818	81 ,,	4 · 416	0 . 01699	24 ,,	130 · 852	0 . 503
40 ,,	2 · 181	0 . 00839	82 ,,	4 · 471	0 . 01720	25 ,,	136 · 304	0 . 524
41 ,,	2 · 235	0 . 00860	83 ,,	4 · 525	0 . 01741	26 ,,	141 · 756	0 . 545
42 ,,	2 · 290	0 . 00881	84 ,,	4 · 580	0 . 01761	27 ,,	147 · 208	0 . 566

IV.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Pint and the Litre (Exchange 25 Francs per £).

Price per Pint.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Pint.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Pint.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		
	Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.
1 farthing	...	04	59	...	00	018	43 pence	7	88	68	...	03	155	87 pence	15	95	69	...	06	383
2 ,,	...	09	17	...	00	037	44 ,,	8	07	02	...	03	228	88 ,,	16	14	03	...	06	456
1 penny	...	18	34	...	00	073	45 ,,	8	25	36	...	03	301	89 ,,	16	32	38	...	06	529
2 ,,	...	36	68	...	00	147	46 ,,	8	43	70	...	03	375	90 ,,	16	50	72	...	06	603
3 ,,	...	55	02	...	00	220	47 ,,	8	62	04	...	03	448	91 ,,	16	69	06	...	06	676
4 ,,	...	73	37	...	00	293	48 ,,	8	80	38	...	03	522	92 ,,	16	87	40	...	06	750
5 ,,	...	91	71	...	00	367	49 ,,	8	98	72	...	03	595	93 ,,	17	05	74	...	06	823
6 ,,	1	10	05	...	00	440	50 ,,	9	17	07	...	03	668	94 ,,	17	24	08	...	06	896
7 ,,	1	28	39	...	00	514	51 ,,	9	35	41	...	03	742	95 ,,	17	42	42	...	06	970
8 ,,	1	46	73	...	00	587	52 ,,	9	53	75	...	03	815	96 ,,	17	60	76	...	07	043
9 ,,	1	65	07	...	00	660	53 ,,	9	72	09	...	03	888	97 ,,	17	79	11	...	07	116
10 ,,	1	83	41	...	00	734	54 ,,	9	90	43	...	03	962	98 ,,	17	97	45	...	07	190
11 ,,	2	01	75	...	00	807	55 ,,	10	08	77	...	04	035	99 ,,	18	15	79	...	07	263
12 ,,	2	20	10	...	00	880	56 ,,	10	27	11	...	04	108	100 ,,	18	34	13	...	07	337
13 ,,	2	38	44	...	00	954	57 ,,	10	45	45	...	04	182	101 ,,	18	52	47	...	07	410
14 ,,	2	56	78	...	01	027	58 ,,	10	63	80	...	04	255	102 ,,	18	70	81	...	07	483
15 ,,	2	75	12	...	01	100	59 ,,	10	82	14	...	04	329	103 ,,	18	89	15	...	07	557
16 ,,	2	93	46	...	01	174	60 ,,	11	00	48	...	04	402	104 ,,	19	07	50	...	07	630
17 ,,	3	11	80	...	01	247	61 ,,	11	18	82	...	04	475	105 ,,	19	25	84	...	07	703
18 ,,	3	30	14	...	01	321	62 ,,	11	37	16	...	04	549	106 ,,	19	44	18	...	07	777
19 ,,	3	48	48	...	01	394	63 ,,	11	55	50	...	04	622	107 ,,	19	62	52	...	07	850
20 ,,	3	66	83	...	01	467	64 ,,	11	73	84	...	04	695	108 ,,	19	80	86	...	07	923
21 ,,	3	85	17	...	01	541	65 ,,	11	92	18	...	04	769	109 ,,	19	99	20	...	07	997
22 ,,	4	03	51	...	01	614	66 ,,	12	10	53	...	04	842	110 ,,	20	17	54	...	08	070
23 ,,	4	21	85	...	01	687	67 ,,	12	28	87	...	04	915	111 ,,	20	35	88	...	08	144
24 ,,	4	40	19	...	01	761	68 ,,	12	47	21	...	04	989	112 ,,	20	54	23	...	08	217
25 ,,	4	58	53	...	01	834	69 ,,	12	65	55	...	05	062	113 ,,	20	72	57	...	08	290
26 ,,	4	76	87	...	01	907	70 ,,	12	83	89	...	05	136	114 ,,	20	90	91	...	08	364
27 ,,	4	95	22	...	01	981	71 ,,	13	02	23	...	05	209	115 ,,	21	09	25	...	08	437
28 ,,	5	13	56	...	02	054	72 ,,	13	20	57	...	05	282	116 ,,	21	27	59	...	08	510
29 ,,	5	31	90	...	02	128	73 ,,	13	38	91	...	05	356	117 ,,	21	45	93	...	08	584
30 ,,	5	50	24	...	02	201	74 ,,	13	57	26	...	05	429	118 ,,	21	64	27	...	08	657
31 ,,	5	68	58	...	02	274	75 ,,	13	75	60	...	05	502	119 ,,	21	82	61	...	08	730
32 ,,	5	86	92	...	02	348	76 ,,	13	93	94	...	05	576	10 shills.	22	00	96	...	08	804
33 ,,	6	05	26	...	02	421	77 ,,	14	12	28	...	05	649	11 ,,	24	21	05	...	09	684
34 ,,	6	23	60	...	02	494	78 ,,	14	30	62	...	05	722	12 ,,	26	41	15	...	10	565
35 ,,	6	41	95	...	02	568	79 ,,	14	48	96	...	05	796	13 ,,	28	61	24	...	11	445
36 ,,	6	60	29	...	02	641	80 ,,	14	67	30	...	05	869	14 ,,	30	81	34	...	12	325
37 ,,	6	78	63	...	02	715	81 ,,	14	85	65	...	05	943	15 ,,	33	01	43	...	13	206
38 ,,	6	96	97	...	02	788	82 ,,	15	03	99	...	06	016	16 ,,	35	21	53	...	14	086
39 ,,	7	15	31	...	02	861	83 ,,	15	22	33	...	06	089	17 ,,	37	41	63	...	14	966
40 ,,	7	33	65	...	02	935	84 ,,	15	40	67	...	06	163	18 ,,	39	61	72	...	15	847
41 ,,	7	51	99	...	03	008	85 ,,	15	59	01	...	06	236	19 ,,	41	81	82	...	16	727
42 ,,	7	70	33	...	03	081	86 ,,	15	77	35	...	06	309	1 pound	44	01	91	...	17	608

V.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Litre and the Gallon (Exchange, 25 Francs per £).

Price per Litre.	Is equal to per Gallon (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Litre.	Is equal to per Gallon (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Litre.	Is equal to per Gallon (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence dec.	pence. dec.
At 1 centime	0 · 436	O . 00168	At 43 centimes	18 · 755	O . 07214	At 85 centimes	37 · 074	O . 14260
2 ,,	0 · 872	O . 00336	44 ,,	19 · 191	O . 07381	86 ,,	37 · 511	O . 14427
3 ,,	1 · 309	O . 00503	45 ,,	19 · 628	O . 07549	87 ,,	37 · 947	O . 14595
4 ,,	1 · 745	O . 00671	46 ,,	20 · 064	O . 07717	88 ,,	38 · 383	O . 14763
5 ,,	2 · 181	O . 00839	47 ,,	20 · 500	O . 07885	89 ,,	38 · 819	O . 14931
6 ,,	2 · 617	O . 01007	48 ,,	20 · 936	O . 08052	90 ,,	39 · 255	O . 15098
7 ,,	3 · 053	O . 01174	49 ,,	21 · 372	O . 08220	91 ,,	39 · 691	O . 15266
8 ,,	3 · 489	O . 01342	50 ,,	21 · 809	O . 08388	92 ,,	40 · 128	O . 15434
9 ,,	3 · 926	O . 01510	51 ,,	22 · 245	O . 08556	93 ,,	40 · 564	O . 15602
10 ,,	4 · 362	O . 01678	52 ,,	22 · 681	O . 08723	94 ,,	41 · 000	O . 15769
11 ,,	4 · 798	O . 01845	53 ,,	23 · 117	O . 08891	95 ,,	41 · 436	O . 15937
12 ,,	5 · 234	O . 02013	54 ,,	23 · 553	O . 09059	96 ,,	41 · 872	O . 16105
13 ,,	5 · 670	O . 02181	55 ,,	23 · 989	O . 09227	97 ,,	42 · 308	O . 16273
14 ,,	6 · 106	O . 02349	56 ,,	24 · 426	O . 09394	98 ,,	42 · 745	O . 16440
15 ,,	6 · 543	O . 02516	57 ,,	24 · 862	O . 09562	99 ,,	43 · 181	O . 16608
16 ,,	6 · 979	O . 02684	58 ,,	25 · 298	O . 09730	1 franc	43 · 617	O . 168
17 ,,	7 · 415	O . 02852	59 ,,	25 · 734	O . 09898	2 ,,	87 · 235	O . 336
18 ,,	7 · 851	O . 03020	60 ,,	26 · 170	O . 10066	3 ,,	130 · 852	O . 503
19 ,,	8 · 287	O . 03187	61 ,,	26 · 606	O . 10233	4 ,,	174 · 469	O . 671
20 ,,	8 · 723	O . 03355	62 ,,	27 · 043	O . 10401	5 ,,	218 · 086	O . 839
21 ,,	9 · 160	O . 03523	63 ,,	27 · 479	O . 10569	6 ,,	261 · 704	I . 007
22 ,,	9 · 596	O . 03691	64 ,,	27 · 915	O . 10737	7 ,,	305 · 321	I . 174
23 ,,	10 · 032	O . 03858	65 ,,	28 · 351	O . 10904	8 ,,	348 · 938	I . 342
24 ,,	10 · 468	O . 04026	66 ,,	28 · 787	O . 11072	9 ,,	392 · 556	I . 510
25 ,,	10 · 904	O . 04194	67 ,,	29 · 223	O . 11240	10 ,,	436 · 173	I . 678
26 ,,	11 · 340	O . 04362	68 ,,	29 · 660	O . 11408	11 ,,	479 · 790	I . 845
27 ,,	11 · 777	O . 04529	69 ,,	30 · 096	O . 11575	12 ,,	523 · 407	2 . 013
28 ,,	12 · 213	O : 04697	70 ,,	30 · 532	O . 11743	13 ,,	567 · 025	2 . 181
29 ,,	12 · 649	O . 04865	71 ,,	30 · 968	O . 11911	14 ,,	610 · 642	2 . 349
30 ,,	13 · 085	O . 05033	72 ,,	31 · 404	O . 12079	15 ,,	654 · 259	2 . 516
31 ,,	13 · 521	O . 05201	73 ,,	31 · 840	O . 12246	16 ,,	697 · 876	2 . 684
32 ,,	13 · 957	O . 05368	74 ,,	32 · 277	O . 12414	17 ,,	741 · 494	2 . 852
33 ,,	14 · 394	O . 05536	75 ,,	32 · 713	O . 12582	18 ,,	785 · 111	3 . 020
34 ,,	14 · 830	O . 05704	76 ,,	33 · 149	O . 12750	19 ,,	828 · 728	3 . 187
35 ,,	15 · 266	O . 05872	77 ,,	33 · 585	O . 12917	20 ,,	872 · 346	3 . 355
36 ,,	15 · 702	O . 06039	78 ,,	34 · 021	O . 13085	21 ,,	915 · 963	3 . 523
37 ,,	16 · 138	O . 06207	79 ,,	34 · 457	O . 13253	22 ,,	959 · 580	3 . 691
38 ,,	16 · 574	O . 06375	80 ,,	34 · 894	O . 13421	23 ,,	1003 · 197	3 . 858
39 ,,	17 · 011	O . 06543	81 ,,	35 · 330	O . 13588	24 ,,	1046 · 815	4 . 026
40 ,,	17 · 447	O . 06710	82 ,,	35 · 766	O . 13756	25 ,,	1090 · 432	4 . 194
41 ,,	17 · 883	O . 06878	83 ,,	36 · 202	O . 13924	26 ,,	1134 · 049	4 . 362
42 ,,	18 · 319	O . 07046	84 ,,	36 · 638	O . 14092	27 ,,	1177 · 667	4 . 529

VI.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Gallon and the Litre (Exchange, 25 Francs per £).

Price per Gallon.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Gallon.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Gallon.	Is equal to per Litre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		
	Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.
1 farthing	...	00 · 57		...	00 · 002		43 pence	...	98 · 59		...	00 · 394		87 pence	1	99 · 46		...	00 · 798	
2 ,,	...	01 · 15		...	00 · 005		44 ,,	1	00 · 88		...	00 · 404		88 ,,	2	01 · 76		...	00 · 807	
1 penny	...	02 · 29		...	00 · 009		45 ,,	1	03 · 17		...	00 · 413		89 ,,	2	04 · 05		...	00 · 816	
2 ,,	...	04 · 59		...	00 · 018		46 ,,	1	05 · 46		...	00 · 422		90 ,,	2	06 · 34		...	00 · 825	
3 ,,	...	06 · 88		...	00 · 028		47 ,,	1	07 · 76		...	00 · 431		91 ,,	2	08 · 64		...	00 · 835	
4 ,,	...	09 · 17		...	00 · 037		48 ,,	1	10 · 05		...	00 · 440		92 ,,	2	10 · 93		...	00 · 844	
5 ,,	...	11 · 46		...	00 · 046		49 ,,	1	12 · 34		...	00 · 449		93 ,,	2	13 · 22		...	00 · 853	
6 ,,	...	13 · 76		...	00 · 055		50 ,,	1	14 · 64		...	00 · 459		94 ,,	2	15 · 51		...	00 · 862	
7 ,,	...	16 · 05		...	00 · 064		51 ,,	1	16 · 93		...	00 · 468		95 ,,	2	17 · 81		...	00 · 871	
8 ,,	...	18 · 34		...	00 · 073		52 ,,	1	19 · 22		...	00 · 477		96 ,,	2	20 · 10		...	00 · 880	
9 ,,	...	20 · 63		...	00 · 083		53 ,,	1	21 · 51		...	00 · 486		97 ,,	2	22 · 39		...	00 · 890	
10 ,,	...	22 · 93		...	00 · 092		54 ,,	1	23 · 81		...	00 · 495		98 ,,	2	24 · 68		...	00 · 899	
11 ,,	...	25 · 22		...	00 · 101		55 ,,	1	26 10		...	00 · 504		99 ,,	2	26 · 98		...	00 · 908	
12 ,,	...	27 · 51		...	00 · 110		56 ,,	1	28 · 39		...	00 · 514		100 ,,	2	29 · 27		...	00 · 917	
13 ,,	...	29 · 81		...	00 · 119		57 ,,	1	30 · 68		...	00 · 523		101 ,,	2	31 · 56		...	00 · 926	
14 ,,	...	32 · 10		...	00 · 128		58 ,,	1	32 · 98		...	00 · 532		102 ,,	2	33 · 86		...	00 · 935	
15 ,,	...	34 · 39		...	00 · 138		59 ,,	1	35 · 27		...	00 · 541		103 ,,	2	36 · 15		...	00 · 945	
16 ,,	...	36 · 68		...	00 · 147		60 ,,	1	37 · 56		...	00 · 550		104 ,,	2	38 · 44		...	00 · 954	
17 ,,	...	38 · 98		...	00 · 156		61 ,,	1	39 · 85		...	00 · 559		105 ,,	2	40 · 73		...	00 · 963	
18 ,,	...	41 · 27		...	00 · 165		62 ,,	1	42 · 15		...	00 · 569		106 ,,	2	43 · 03		...	00 · 972	
19 ,,	...	43 · 56		...	00 · 174		63 ,,	1	44 · 44		...	00 · 578		107 ,,	2	45 · 32		...	00 · 981	
20 ,,	...	45 · 85		...	00 · 183		64 ,,	1	46 · 73		...	00 · 587		108 ,,	2	47 · 61		...	00 · 990	
21 ,,	...	48 · 15		...	00 · 193		65 ,,	1	49 · 03		...	00 · 596		109 ,,	2	49 · 90		...	01 · 000	
22 ,,	...	50 · 44		...	00 · 202		66 ,,	1	51 · 32		...	00 · 605		110 ,,	2	52 · 20		...	01 · 009	
23 ,,	...	52 · 73		...	00 · 211		67 ,,	1	53 · 61		...	00 · 614		111 ,,	2	54 · 49		...	01 · 018	
24 ,,	...	55 · 02		...	00 · 220		68 ,,	1	55 · 90		...	00 · 624		112 ,,	2	56 · 78		...	01 · 027	
25 ,,	...	57 · 32		...	00 · 229		69 ,,	1	58 · 20		...	00 · 633		113 ,,	2	59 · 08		...	01 · 036	
26 ,,	...	59 · 61		...	00 · 238		70 ,,	1	60 · 49		...	00 · 642		114 ,,	2	61 · 37		...	01 · 045	
27 ,,	...	61 · 90		...	00 · 248		71 ,,	1	62 · 78		...	00 · 651		115 ,,	2	63 · 66		...	01 · 055	
28 ,,	...	64 · 20		...	00 · 257		72 ,,	1	65 · 07		...	00 · 660		116 ,,	2	65 · 95		...	01 · 064	
29 ,,	...	66 · 49		...	00 · 266		73 ,,	1	67 · 37		...	00 · 669		117 ,,	2	68 · 25		...	01 · 073	
30 ,,	...	68 · 78		...	00 · 275		74 ,,	1	69 · 66		...	00 · 679		118 ,,	2	70 · 54		...	01 · 082	
31 ,,	...	71 · 07		...	00 · 284		75 ,,	1	71 · 95		...	00 · 688		119 ,,	2	72 · 83		...	01 · 091	
32 ,,	...	73 · 37		...	00 · 293		76 ,,	1	74 · 25		...	00 · 697		10 shills.	2	75 · 12		...	01 · 100	
33 ,,	...	75 · 66		...	00 · 303		77 ,,	1	76 · 54		...	00 · 706		11 ,,	3	02 · 64		...	01 · 211	
34 ,,	...	77 · 95		...	00 · 312		78 ,,	1	78 · 83		...	00 · 715		12 ,,	3	30 · 15		...	01 · 321	
35 ,,	...	80 · 24		...	00 · 321		79 ,,	1	81 · 12		...	00 · 724		13 ,,	3	57 · 66		...	01 · 431	
36 ,,	...	82 · 54		...	00 · 330		80 ,,	1	83 · 42		...	00 · 734		14 ,,	3	85 · 17		...	01 · 541	
37 ,,	...	84 · 83		...	00 · 339		81 ,,	1	85 · 71		...	00 · 743		15 ,,	4	12 · 69		...	01 · 651	
38 ,,	...	87 · 12		...	00 · 348		82 ,,	1	88 · 00		...	00 · 752		16 ,,	4	40 · 20		...	01 · 761	
39 ,,	...	89 · 42		...	00 · 358		83 ,,	1	90 · 29		...	00 · 761		17 ,,	4	67 · 71		...	01 · 871	
40 ,,	...	91 · 71		...	00 · 367		84 ,,	1	92 · 59		...	00 · 770		18 ,,	4	95 · 22		...	01 · 981	
41 ,,	...	94 · 00		...	00 · 376		85 ,,	1	94 · 88		...	00 · 780		19 ,,	5	22 · 74		...	02 · 092	
42 ,,	...	96 · 29		...	00 · 385		86 ,,	1	97 · 17		...	00 · 789		1 pound	5	50 · 25		...	02 · 202	

VII.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Kilolitre and the Quarter (Exchange, 25 Francs per £).

Price per Kilolitre.	Is equal to per Quarter (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Kilolitre.	Is equal to per Quarter (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Kilolitre.	Is equal to per Quarter (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence. dec.	pence. dec.
At 1 centime	0 · 028	0 . 00011	At 43 centimes	1 · 200	0 . 00462	At 85 centimes	2 · 373	0 . 00913
2 ,,	0 · 056	0 . 00021	44 ,,	1 · 228	0 . 00472	86 ,,	2 · 401	0 . 00923
3 ,,	0 · 084	0 . 00032	45 ,,	1 · 256	0 . 00483	87 ,,	2 · 429	0 . 00934
4 ,,	0 · 112	0 . 00043	46 ,,	1 · 284	0 . 00494	88 ,,	2 · 457	0 . 00945
5 ,,	0 · 140	0 . 00054	47 ,,	1 · 312	0 . 00505	89 ,,	2 · 484	0 . 00956
6 ,,	0 · 167	0 . 00064	48 ,,	1 · 340	0 . 00515	90 ,,	2 · 512	0 . 00966
7 ,,	0 · 195	0 . 00075	49 ,,	1 · 368	0 . 00526	91 ,,	2 · 540	0 . 00977
8 ,,	0 · 223	0 . 00086	50 ,,	1 · 396	0 . 00537	92 ,,	2 · 568	0 . 00988
9 ,,	0 · 251	0 . 00097	51 ,,	1 · 424	0 . 00548	93 ,,	2 · 596	0 . 00999
10 ,,	0 · 279	0 . 00107	52 ,,	1 · 452	0 . 00558	94 ,,	2 · 624	0 . 01009
11 ,,	0 · 307	0 . 00118	53 ,,	1 · 479	0 . 00569	95 ,,	2 · 652	0 . 01020
12 ,,	0 · 335	0 . 00129	54 ,,	1 · 507	0 . 00580	96 ,,	2 · 680	0 . 01031
13 ,,	0 · 363	0 . 00140	55 ,,	1 · 535	0 . 00591	97 ,,	2 · 708	0 . 01041
14 ,,	0 · 391	0 . 00150	56 ,,	1 · 563	0 . 00601	98 ,,	2 · 736	0 . 01052
15 ,,	0 · 419	0 . 00161	57 ,,	1 · 591	0 . 00612	99 ,,	2 · 764	0 . 01063
16 ,,	0 · 447	0 . 00172	58 ,,	1 · 619	0 . 00623	1 franc	2 · 792	0 . 011
17 ,,	0 · 475	0 . 00183	59 ,,	1 · 647	0 . 00633	2 ,,	5 · 583	0 . 021
18 ,,	0 · 502	0 . 00193	60 ,,	1 · 675	0 . 00644	3 ,,	8 · 375	0 . 032
19 ,,	0 · 530	0 . 00204	61 ,,	1 · 703	0 . 00655	4 ,,	11 · 166	0 . 043
20 ,,	0 · 558	0 . 00215	62 ,,	1 · 731	0 . 00666	5 ,,	13 · 958	0 . 054
21 ,,	0 · 586	0 . 00225	63 ,,	1 · 759	0 . 00676	6 ,,	16 · 749	0 . 064
22 ,,	0 · 614	0 . 00236	64 ,,	1 · 787	0 . 00687	7 ,,	19 · 541	0 . 075
23 ,,	0 · 642	0 . 00247	65 ,,	1 · 814	0 . 00698	8 ,,	22 · 332	0 . 086
24 ,,	0 · 670	0 . 00258	66 ,,	1 · 842	0 . 00709	9 ,,	25 · 124	0 . 097
25 ,,	0 · 698	0 . 00268	67 ,,	1 · 870	0 . 00719	10 ,,	27 · 915	0 . 107
26 ,,	0 · 726	0 . 00279	68 ,,	1 · 898	0 . 00730	11 ,,	30 · 707	0 . 118
27 ,,	0 · 754	0 . 00290	69 ,,	1 · 926	0 . 00741	12 ,,	33 · 498	0 . 129
28 ,,	0 · 782	0 . 00301	70 ,,	1 · 954	0 . 00752	13 ,,	36 · 290	0 . 140
29 ,,	0 · 810	0 . 00311	71 ,,	1 · 982	0 . 00762	14 ,,	39 · 081	0 . 150
30 ,,	0 · 837	0 . 00322	72 ,,	2 · 010	0 . 00773	15 ,,	41 · 873	0 . 161
31 ,,	0 · 865	0 . 00333	73 ,,	2 · 038	0 . 00784	16 ,,	44 · 664	0 . 172
32 ,,	0 · 893	0 . 00344	74 ,,	2 · 066	0 . 00795	17 ,,	47 · 456	0 . 183
33 ,,	0 · 921	0 . 00354	75 ,,	2 · 094	0 . 00805	18 ,,	50 · 247	0 . 193
34 ,,	0 · 949	0 . 00365	76 ,,	2 · 122	0 . 00816	19 ,,	53 · 039	0 . 204
35 ,,	0 · 977	0 . 00376	77 ,,	2 · 149	0 . 00827	20 ,,	55 · 830	0 . 215
36 ,,	1 · 005	0 . 00387	78 ,,	2 · 177	0 . 00837	21 ,,	58 · 622	0 . 225
37 ,,	1 · 033	0 . 00397	79 ,,	2 · 205	0 . 00848	22 ,,	61 · 413	0 . 236
38 ,,	1 · 061	0 . 00408	80 ,,	2 · 233	0 . 00859	23 ,,	64 · 205	0 . 247
39 ,,	1 · 089	0 . 00419	81 ,,	2 · 261	0 . 00870	24 ,,	66 · 996	0 . 258
40 ,,	1 · 117	0 . 00429	82 ,,	2 · 289	0 . 00880	25 ,,	69 · 788	0 . 268
41 ,,	1 · 145	0 . 00440	83 ,,	2 · 317	0 . 00891	26 ,,	72 · 579	0 . 279
42 ,,	1 · 172	0 . 00451	84 ,,	2 · 345	0 . 00902	27 ,,	75 · 371	0 . 290

VIII.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Quarter and the Kilolitre (Exchange, 25 Francs per £).

Price per Quarter.	Is equal to per Kilolitre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Quarter.	Is equal to per Kilolitre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Quarter.	Is equal to per Kilolitre (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		
	Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.
1 farthing	...	08	96	...	00	036	43 pence	15	40	39	...	06	162	87 pence	31	16	60	...	12	466
2 ,,	...	17	91	...	00	072	44 ,,	15	76	21	...	06	305	88 ,,	31	52	42	...	12	610
1 penny	...	35	82	...	00	143	45 ,,	16	12	03	...	06	448	89 ,,	31	88	24	...	12	753
2 ,,	...	71	65	...	00	287	46 ,,	16	47	86	...	06	591	90 ,,	32	24	07	...	12	896
3 ,,	1	07	47	...	00	430	47 ,,	16	83	68	...	06	735	91 ,,	32	59	89	...	13	040
4 ,,	1	43	29	...	00	573	48 ,,	17	19	50	...	06	878	92 ,,	32	95	71	...	13	183
5 ,,	1	79	11	...	00	716	49 ,,	17	55	32	...	07	021	93 ,,	33	31	53	...	13	326
6 ,,	2	14	94	...	00	860	50 ,,	17	91	15	...	07	165	94 ,,	33	67	36	...	13	469
7 ,,	2	50	76	...	01	003	51 ,,	18	26	97	...	07	308	95 ,,	34	03	18	...	13	613
8 ,,	2	86	58	...	01	146	52 ,,	18	62	79	...	07	451	96 ,,	34	39	00	...	13	756
9 ,,	3	22	41	...	01	290	53 ,,	18	98	62	...	07	594	97 ,,	34	74	83	...	13	899
10 ,,	3	58	23	...	01	433	54 ,,	19	34	44	...	07	738	98 ,,	35	10	65	...	14	043
11 ,,	3	94	05	...	01	576	55 ,,	19	70	26	...	07	881	99 ,,	35	46	47	...	14	186
12 ,,	4	29	88	...	01	720	56 ,,	20	06	09	...	08	024	100 ,,	35	82	30	...	14	329
13 ,,	4	65	70	...	01	863	57 ,,	20	41	91	...	08	168	101 ,,	36	18	12	...	14	472
14 ,,	5	01	52	...	02	006	58 ,,	20	77	73	...	08	311	102 ,,	36	53	94	...	14	616
15 ,,	5	37	34	...	02	149	59 ,,	21	13	55	...	08	454	103 ,,	36	89	76	...	14	759
16 ,,	5	73	17	...	02	293	60 ,,	21	49	38	...	08	598	104 ,,	37	25	59	...	14	902
17 ,,	6	08	99	...	02	436	61 ,,	21	85	20	...	08	741	105 ,,	37	61	41	...	15	046
18 ,,	6	44	81	...	02	579	62 ,,	22	21	02	...	08	884	106 ,,	37	97	23	...	15	189
19 ,,	6	80	64	...	02	723	63 ,,	22	56	85	...	09	027	107 ,,	38	33	06	...	15	332
20 ,,	7	16	46	...	02	866	64 ,,	22	92	67	...	09	171	108 ,,	38	68	88	...	15	476
21 ,,	7	52	28	...	03	009	65 ,,	23	28	49	...	09	314	109 ,,	39	04	70	...	15	619
22 ,,	7	88	10	...	03	152	66 ,,	23	64	31	...	09	457	110 ,,	39	40	52	...	15	762
23 ,,	8	23	93	...	03	296	67 ,,	24	00	14	...	09	601	111 ,,	39	76	35	...	15	905
24 ,,	8	59	75	...	03	439	68 ,,	24	35	96	...	09	744	112 ,,	40	12	17	...	16	049
25 ,,	8	95	57	...	03	582	69 ,,	24	71	78	...	09	887	113 ,,	40	47	99	...	16	192
26 ,,	9	31	40	...	03	726	70 ,,	25	07	61	...	10	030	114 ,,	40	83	82	...	16	335
27 ,,	9	67	22	...	03	869	71 ,,	25	43	43	...	10	174	115 ,,	41	19	64	...	16	479
28 ,,	10	03	04	...	04	012	72 ,,	25	79	25	...	10	317	116 ,,	41	55	46	...	16	622
29 ,,	10	38	87	...	04	155	73 ,,	26	15	08	...	10	460	117 ,,	41	91	29	...	16	765
30 ,,	10	74	69	...	04	299	74 ,,	26	50	90	...	10	604	118 ,,	42	27	11	...	16	908
31 ,,	11	10	51	...	04	442	75 ,,	26	86	72	...	10	747	119 ,,	42	62	93	...	17	052
32 ,,	11	46	33	...	04	585	76 ,,	27	22	54	...	10	890	10 shills.	42	98	76	...	17	195
33 ,,	11	82	16	...	04	729	77 ,,	27	58	37	...	11	033	11 ,,	47	28	63	...	18	915
34 ,,	12	17	98	...	04	872	78 ,,	27	94	19	...	11	177	12 ,,	51	58	51	...	20	634
35 ,,	12	53	80	...	05	015	79 ,,	28	30	01	...	11	320	13 ,,	55	88	38	...	22	354
36 ,,	12	89	63	...	05	159	80 ,,	28	65	84	...	11	463	14 ,,	60	18	26	...	24	073
37 ,,	13	25	45	...	05	302	81 ,,	29	01	66	...	11	607	15 ,,	64	48	13	...	25	793
38 ,,	13	61	27	...	05	445	82 ,,	29	37	48	...	11	750	16 ,,	68	78	01	...	27	512
39 ,,	13	97	10	...	05	588	83 ,,	29	73	30	...	11	893	17 ,,	73	07	88	...	29	232
40 ,,	14	32	92	...	05	732	84 ,,	30	09	13	...	12	037	18 ,,	77	37	76	...	30	951
41 ,,	14	68	74	...	05	875	85 ,,	30	44	95	...	12	180	19 ,,	81	67	63	...	32	671
42 ,,	15	04	56	...	06	018	86 ,,	30	80	77	...	12	323	1 pound	85	97	51	...	34	390

IX.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Dekagram and the Ounce Troy (Exchange, 25 Francs per £).

Price per Dekagram.	Is equal to per Ounce Troy (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Dekagram.	Is equal to per Ounce Troy (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Dekagram.	Is equal to per Ounce Troy (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence. dec.	pence. dec.
At 1 centime	0 · 299	0 . 00115	At 43 centimes	12 · 839	0 . 04938	At 85 centimes	25 · 380	0 . 09761
2 ,,	0 · 597	0 . 00230	44 ,,	13 · 138	0 . 05053	86 ,,	25 · 679	0 . 09876
3 ,,	0 · 896	0 . 00345	45 ,,	13 · 437	0 . 05168	87 ,,	25 · 977	0 . 09991
4 ,,	1 · 194	0 . 00459	46 ,,	13 · 735	0 . 05283	88 ,,	26 · 276	0 . 10106
5 ,,	1 · 493	0 . 00574	47 ,,	14 · 034	0 . 05397	89 ,,	26 · 575	0 . 10221
6 ,,	1 · 792	0 . 00689	48 ,,	14 · 332	0 . 05512	90 ,,	26 · 873	0 . 10336
7 ,,	2 · 090	0 . 00804	49 ,,	14 · 631	0 . 05627	91 ,,	27 · 172	0 . 10450
8 ,,	2 · 389	0 . 00919	50 ,,	14 · 930	0 . 05742	92 ,,	27 · 470	0 . 10565
9 ,,	2 · 687	0 . 01034	51 ,,	15 · 228	0 . 05857	93 ,,	27 · 769	0 . 10680
10 ,,	2 · 986	0 . 01148	52 ,,	15 · 527	0 . 05972	94 ,,	28 · 067	0 . 10795
11 ,,	3 · 285	0 . 01263	53 ,,	15 · 825	0 . 06087	95 ,,	28 · 366	0 . 10910
12 ,,	3 · 583	0 . 01378	54 ,,	16 · 124	0 . 06201	96 ,,	28 · 665	0 . 11025
13 ,,	3 · 882	0 . 01493	55 ,,	16 · 422	0 . 06316	97 ,,	28 · 963	0 . 11139
14 ,,	4 · 180	0 . 01608	56 ,,	16 · 721	0 . 06431	98 ,,	29 · 262	0 . 11254
15 ,,	4 · 479	0 . 01723	57 ,,	17 · 020	0 . 06546	99 ,,	29 · 560	0 . 11369
16 ,,	4 · 777	0 . 01837	58 ,,	17 · 318	0 . 06661	1 franc	29 · 859	0 . 115
17 ,,	5 · 076	0 . 01952	59 ,,	17 · 617	0 . 06776	2 ,,	59 · 719	0 . 230
18 ,,	5 · 375	0 . 02067	60 ,,	17 · 915	0 . 06890	3 ,,	89 · 578	0 . 345
19 ,,	5 · 673	0 . 02182	61 ,,	18 · 214	0 . 07005	4 ,,	119 · 437	0 . 459
20 ,,	5 · 972	0 . 02297	62 ,,	18 · 513	0 . 07120	5 ,,	149 · 297	0 . 574
21 ,,	6 · 270	0 . 02412	63 ,,	18 · 811	0 . 07235	6 ,,	179 · 156	0 . 689
22 ,,	6 · 569	0 . 02526	64 ,,	19 · 110	0 . 07350	7 ,,	209 · 016	0 . 804
23 ,,	6 · 868	0 . 02641	65 ,,	19 · 408	0 . 07465	8 ,,	238 · 875	0 . 919
24 ,,	7 · 166	0 . 02756	66 ,,	19 · 707	0 . 07579	9 ,,	268 · 734	1 . 034
25 ,,	7 · 465	0 . 02871	67 ,,	20 · 006	0 . 07694	10 ,,	298 · 594	1 . 148
26 ,,	7 · 763	0 . 02986	68 ,,	20 · 304	0 . 07809	11 ,,	328 · 453	1 . 263
27 ,,	8 · 062	0 . 03101	69 ,,	20 · 603	0 . 07924	12 ,,	358 · 312	1 . 378
28 ,,	8 · 361	0 . 03216	70 ,,	20 · 901	0 . 08039	13 ,,	388 · 172	1 . 493
29 ,,	8 · 659	0 . 03330	71 ,,	21 · 200	0 . 08154	14 ,,	418 · 031	1 . 608
30 ,,	8 · 958	0 . 03445	72 ,,	21 · 498	0 . 08268	15 ,,	447 · 890	1 . 723
31 ,,	9 · 256	0 . 03560	73 ,,	21 · 797	0 . 08383	16 ,,	477 · 750	1 . 837
32 ,,	9 · 555	0 . 03675	74 ,,	22 · 096	0 . 08498	17 ,,	507 · 609	1 . 952
33 ,,	9 · 853	0 . 03790	75 ,,	22 · 394	0 . 08613	18 ,,	537 · 468	2 . 067
34 ,,	10 · 152	0 . 03905	76 ,,	22 · 693	0 . 08728	19 ,,	567 · 328	2 . 182
35 ,,	10 · 451	0 . 04019	77 ,,	22 · 991	0 . 08843	20 ,,	597 · 187	2 . 297
36 ,,	10 · 749	0 . 04134	78 ,,	23 · 290	0 . 08958	21 ,,	627 · 047	2 . 412
37 ,,	11 · 048	0 . 04249	79 ,,	23 · 589	0 . 09072	22 ,,	656 · 906	2 . 526
38 ,,	11 · 346	0 . 04364	80 ,,	23 · 887	0 . 09187	23 ,,	686 · 765	2 . 641
39 ,,	11 · 645	0 . 04479	81 ,,	24 · 186	0 . 09302	24 ,,	716 · 625	2 . 756
40 ,,	11 · 944	0 . 04594	82 ,,	24 · 484	0 . 09417	25 ,,	746 · 484	2 . 871
41 ,,	12 · 242	0 . 04708	83 ,,	24 · 783	0 . 09532	26 ,,	776 · 343	2 . 986
42 ,,	12 · 541	0 . 04823	84 ,,	25 · 082	0 . 09647	27 ,,	806 · 203	3 . 101

X.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Ounce Troy and the Dekagram (Exchange, 25 Francs per £).

Price per Ounce Troy.	Is equal to per Dekagram (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Ounce Troy.	Is equal to per Dekagram. (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Ounce Troy.	Is equal to per Dekagram. (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		
	Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.
1 farthing	...	00	84	...	00	003	43 pence	1	44	01	...	00	576	87 pence	2	91	37	...	01	165
2 ,,	...	01	67	...	00	007	44 ,,	1	47	36	...	00	589	88 ,,	2	94	71	...	01	179
1 penny	...	03	35	...	00	013	45 ,,	1	50	71	...	00	603	89 ,,	2	98	06	...	01	192
2 ,,	...	06	70	...	00	027	46 ,,	1	54	06	...	00	616	90 ,,	3	01	41	...	01	206
3 ,,	...	10	05	...	00	040	47 ,,	1	57	40	...	00	630	91 ,,	3	04	76	...	01	219
4 ,,	...	13	40	...	00	054	48 ,,	1	60	75	...	00	643	92 ,,	3	08	11	...	01	232
5 ,,	...	16	75	...	00	067	49 ,,	1	64	10	...	00	656	93 ,,	3	11	46	...	01	246
6 ,,	...	20	09	...	00	080	50 ,,	1	67	45	...	00	670	94 ,,	3	14	81	...	01	259
7 ,,	...	23	44	...	00	094	51 ,,	1	70	80	...	00	683	95 ,,	3	18	16	...	01	273
8 ,,	...	26	79	...	00	107	52 ,,	1	74	15	...	00	697	96 ,,	3	21	51	...	01	286
9 ,,	...	30	14	...	00	121	53 ,,	1	77	50	...	00	710	97 ,,	3	24	86	...	01	299
10 ,,	...	33	49	...	00	134	54 ,,	1	80	85	...	00	723	98 ,,	3	28	20	...	01	313
11 ,,	...	36	84	...	00	147	55 ,,	1	84	20	...	00	737	99 ,,	3	31	55	...	01	326
12 ,,	...	40	19	...	00	161	56 ,,	1	87	55	...	00	750	100 ,,	3	34	90	...	01	340
13 ,,	...	43	54	...	00	174	57 ,,	1	90	89	...	00	764	101 ,,	3	38	25	...	01	353
14 ,,	...	46	89	...	00	188	58 ,,	1	94	24	...	00	777	102 ,,	3	41	60	...	01	366
15 ,,	...	50	24	...	00	201	59 ,,	1	97	59	...	00	790	103 ,,	3	44	95	...	01	380
16 ,,	...	53	58	...	00	214	60 ,,	2	00	94	...	00	804	104 ,,	3	48	30	...	01	393
17 ,,	...	56	93	...	00	228	61 ,,	2	04	29	...	00	817	105 ,,	3	51	65	...	01	407
18 ,,	...	60	28	...	00	241	62 ,,	2	07	64	...	00	831	106 ,,	3	55	00	...	01	420
19 ,,	...	63	63	...	00	255	63 ,,	2	10	99	...	00	844	107 ,,	3	58	35	...	01	433
20 ,,	..	66	98	...	00	268	64 ,,	2	14	34	...	00	857	108 ,,	3	61	70	...	01	447
21 ,,	...	70	33	...	00	281	65 ,,	2	17	69	...	00	871	109 ,,	3	65	04	...	01	460
22 ,,	...	73	68	...	00	295	66 ,,	2	21	04	...	00	884	110 ,,	3	68	39	...	01	474
23 ,,	...	77	03	...	00	308	67 ,,	2	24	39	...	00	898	111 ,,	3	71	74	...	01	487
24 ,,	...	80	38	...	00	322	68 ,,	2	27	73	...	00	911	112 ,,	3	75	09	...	01	500
25 ,,	...	83	73	...	00	335	69 ,,	2	31	08	...	00	924	113 ,,	3	78	44	...	01	514
26 ,,	...	87	07	...	00	348	70 ,,	2	34	43	...	00	938	114 ,,	3	81	79	...	01	527
27 ,,	...	90	42	...	00	362	71 ,,	2	37	78	...	00	951	115 ,,	3	85	14	...	01	541
28 ,,	...	93	77	...	00	375	72 ,,	2	41	13	...	00	965	116 ,,	3	88	49	...	01	554
29 ,,	...	97	12	...	00	388	73 ,,	2	44	48	...	00	978	117 ,,	3	91	84	...	01	567
30 ,,	1	00	47	...	00	402	74 ,,	2	47	83	...	00	991	118 ,,	3	95	19	...	01	581
31 ,,	1	03	82	...	00	415	75 ,,	2	51	18	...	01	005	119 ,,	3	98	53	...	01	594
32 ,,	1	07	17	...	00	429	76 ,,	2	54	53	...	01	018	10 shills.	4	01	88	...	01	608
33 ,,	1	10	52	...	00	442	77 ,,	2	57	88	...	01	031	11 ,,	4	42	07	...	01	768
34 ,,	1	13	87	...	00	455	78 ,,	2	61	22	...	01	045	12 ,,	4	82	26	...	01	929
35 ,,	1	17	22	...	00	469	79 ,,	2	64	57	...	01	058	13 ,,	5	22	45	...	02	090
36 ,,	1	20	57	...	00	482	80 ,,	2	67	92	...	01	072	14 ,,	5	62	64	...	02	251
37 ,,	1	23	91	...	00	496	81 ,,	2	71	27	...	01	085	15 ,,	6	02	83	...	02	411
38 ,,	1	27	26	...	00	509	82 ,,	2	74	62	...	01	098	16 ,,	6	43	01	...	02	572
39 ,,	1	30	61	...	00	522	83 ,,	2	77	97	...	01	112	17 ,,	6	83	20	...	02	733
40 ,,	1	33	96	...	00	536	84 ,,	2	81	32	...	01	125	18 ,,	7	23	39	...	02	894
41 ,,	1	37	31	...	00	549	85 ,,	2	84	67	...	01	139	19 ,,	7	63	58	...	03	054
42 ,,	1	40	66	...	00	563	86 ,,	2	88	02	...	01	152	1 pound	8	03	77	...	03	215

XI.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Kilogram and the Pound Avoirdupois (Exchange, 25 Francs per £).

Price per Kilogram.	Is equal to per Pound Avoir. (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Kilogram.	Is equal to per Pound Avoir. (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.	Price per Kilogram.	Is equal to per Pound Avoir. (Exchange 25 Francs per £).	Difference in Exchange. Subtract for every 10 Cents above 25 Francs per £, or add for every 10 Cents below.
	pence. dec.	pence. dec.		pence. dec.	pence. dec.		pence. dec.	pence. dec.
At 1 centime	0 · 044	0 . 00017	At 43 centimes	1 · 872	0 . 00720	At 85 centimes	3 · 701	0 . 01424
2 ,,	0 · 087	0 . 00033	44 ,,	1 · 916	0 . 00737	86 ,,	3 · 745	0 . 01440
3 ,,	0 · 131	0 . 00050	45 ,,	1 · 960	0 . 00754	87 ,,	3 · 788	0 . 01457
4 ,,	0 · 174	0 . 00067	46 ,,	2 · 003	0 . 00770	88 ,,	3 · 832	0 . 01474
5 ,,	0 · 218	0 . 00084	47 ,,	2 · 047	0 . 00787	89 ,,	3 · 876	0 . 01491
6 ,,	0 · 261	0 . 00100	48 ,,	2 · 090	0 . 00804	90 ,,	3 · 919	0 . 01507
7 ,,	0 · 305	0 . 00117	49 ,,	2 · 134	0 . 00821	91 ,,	3 · 963	0 . 01524
8 ,,	0 · 348	0 . 00134	50 ,,	2 · 177	0 . 00837	92 ,,	4 · 006	0 . 01541
9 ,,	0 · 392	0 . 00151	51 ,,	2 · 221	0 . 00854	93 ,,	4 · 050	0 . 01558
10 ,,	0 · 435	0 . 00167	52 ,,	2 · 264	0 . 00871	94 ,,	4 · 093	0 . 01574
11 ,,	0 · 479	0 . 00184	53 ,,	2 · 308	0 . 00888	95 ,,	4 · 137	0 . 01591
12 ,,	0 · 523	0 . 00201	54 ,,	2 · 351	0 . 00904	96 ,,	4 · 180	0 . 01608
13 ,,	0 · 566	0 . 00218	55 ,,	2 · 395	0 . 00921	97 ,,	4 · 224	0 . 01625
14 ,,	0 · 610	0 . 00234	56 ,,	2 · 439	0 . 00938	98 ,,	4 · 267	0 . 01641
15 ,,	0 · 653	0 . 00251	57 ,,	2 · 482	0 . 00955	99 ,,	4 · 311	0 . 01658
16 ,,	0 · 697	0 . 00268	58 ,,	2 · 526	0 . 00971	1 franc	4 · 354	0 . 017
17 ,,	0 · 740	0 . 00285	59 ,,	2 · 569	0 . 00988	2 ,,	8 · 709	0 . 033
18 ,,	0 · 784	0 . 00301	60 ,,	2 · 613	0 . 01005	3 ,,	13 · 063	0 . 050
19 ,,	0 · 827	0 . 00318	61 ,,	2 · 656	0 . 01022	4 ,,	17 · 418	0 . 067
20 ,,	0 · 871	0 . 00335	62 ,,	2 · 700	0 . 01038	5 ,,	21 · 772	0 . 084
21 ,,	0 · 914	0 . 00352	63 ,,	2 · 743	0 . 01055	6 ,,	26 · 127	0 . 100
22 ,,	0 · 958	0 . 00368	64 ,,	2 · 787	0 . 01072	7 ,,	30 · 481	0 . 117
23 ,,	1 · 002	0 . 00385	65 ,,	2 · 830	0 . 01089	8 ,,	34 · 836	0 . 134
24 ,,	1 · 045	0 . 00402	66 ,,	2 · 874	0 . 01105	9 ,,	39 · 190	0 . 151
25 ,,	1 · 089	0 . 00419	67 ,,	2 · 918	0 . 01122	10 ,,	43 · 545	0 . 167
26 ,,	1 · 132	0 . 00435	68 ,,	2 · 961	0 . 01139	11 ,,	47 · 899	0 . 184
27 ,,	1 · 176	0 . 00452	69 ,,	3 · 005	0 . 01156	12 ,,	52 · 254	0 . 201
28 ,,	1 · 219	0 . 00469	70 ,,	3 · 048	0 . 01172	13 ,,	56 · 608	0 . 218
29 ,,	1 · 263	0 . 00486	71 ,,	3 · 092	0 . 01189	14 ,,	60 · 963	0 . 234
30 ,,	1 · 306	0 . 00502	72 ,,	3 · 135	0 . 01206	15 ,,	65 · 317	0 . 251
31 ,,	1 · 350	0 . 00519	73 ,,	3 · 179	0 . 01223	16 ,,	69 · 672	0 . 268
32 ,,	1 · 393	0 . 00536	74 ,,	3 · 222	0 . 01239	17 ,,	74 · 026	0 . 285
33 ,,	1 · 437	0 . 00553	75 ,,	3 · 266	0 . 01256	18 ,,	78 · 381	0 . 301
34 ,,	1 · 481	0 . 00569	76 ,,	3 · 309	0 . 01273	19 ,,	82 · 735	0 . 318
35 ,,	1 · 524	0 . 00586	77 ,,	3 · 353	0 . 01290	20 ,,	87 · 090	0 . 335
36 ,,	1 · 568	0 . 00603	78 ,,	3 · 397	0 . 01306	21 ,,	91 · 444	0 . 352
37 ,,	1 · 611	0 . 00620	79 ,,	3 · 440	0 . 01323	22 ,,	95 · 799	0 . 368
38 ,,	1 · 655	0 . 00636	80 ,,	3 · 484	0 . 01340	23 ,,	100 · 153	0 . 385
39 ,,	1 · 698	0 . 00653	81 ,,	3 · 527	0 . 01357	24 ,,	104 · 508	0 . 402
40 ,,	1 · 742	0 . 00670	82 ,,	3 · 571	0 . 01373	25 ,,	108 · 862	0 . 419
41 ,,	1 · 785	0 . 00687	83 ,,	3 · 614	0 . 01390	26 ,,	113 · 217	0 . 435
42 ,,	1 · 829	0 . 00703	84 ,,	3 · 658	0 . 01407	27 ,,	117 · 571	0 . 452

XII.—Equivalent Prices in British and French Currency of Goods Bought or Sold by the Pound Avoirdupois and the Kilogram (Exchange, 25 Francs per £).

Price per Pound (Avoir.)	Is equal to per Kilogram (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Pound (Avoir.)	Is equal to per Kilogram (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.			Price per Pound (Avoir.)	Is equal to per Kilogram (Exchange 25 Francs per £).			Difference in Exchange. Add for every 10 Cents above 25 Francs per £, or subtract for every 10 Cents below.		
	Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.		Francs.	cents.	dec.	Francs.	cents.	dec.
1 farthing	...	05	74	...	00	023	43 pence	9	87	49	...	03	950	87 pence	19	97	94	...	07	992
2 ,,	...	11	48	...	00	046	44 ,,	10	10	45	...	04	042	88 ,,	20	20	90	...	08	084
1 penny	...	22	96	...	00	092	45 ,,	10	33	42	...	04	134	89 ,,	20	43	87	...	08	176
2 ,,	...	45	93	...	00	184	46 ,,	10	56	38	...	04	226	90 ,,	20	66	83	...	08	267
3 ,,	...	68	89	...	00	276	47 ,,	10	79	35	...	04	317	91 ,,	20	89	80	...	08	359
4 ,,	...	91	86	...	00	367	48 ,,	11	02	31	...	04	409	92 ,,	21	12	76	...	08	451
5 ,,	1	14	82	...	00	459	49 ,,	11	25	28	...	04	501	93 ,,	21	35	73	...	08	543
6 ,,	1	37	79	...	00	551	50 ,,	11	48	24	...	04	593	94 ,,	21	58	69	...	08	635
7 ,,	1	60	75	...	00	643	51 ,,	11	71	20	...	04	685	95 ,,	21	81	66	...	08	727
8 ,,	1	83	72	...	00	735	52 ,,	11	94	17	...	04	777	96 ,,	22	04	62	...	08	819
9 ,,	2	06	68	...	00	827	53 ,,	12	17	13	...	04	869	97 ,,	22	27	59	...	08	910
10 ,,	2	29	65	...	00	919	54 ,,	12	40	10	...	04	960	98 ,,	22	50	55	...	09	002
11 ,,	2	52	61	...	01	010	55 ,,	12	63	06	...	05	052	99 ,,	22	73	52	...	09	094
12 ,,	2	75	58	...	01	102	56 ,,	12	86	03	...	05	144	100 ,,	22	96	48	...	09	186
13 ,,	2	98	54	...	01	194	57 ,,	13	08	99	...	05	236	101 ,,	23	19	44	...	09	278
14 ,,	3	21	51	...	01	286	58 ,,	13	31	96	...	05	328	102 ,,	23	42	41	...	09	370
15 ,,	3	44	47	...	01	378	59 ,,	13	54	92	...	05	420	103 ,,	23	65	37	...	09	462
16 ,,	3	67	44	...	01	470	60 ,,	13	77	89	...	05	512	104 ,,	23	88	34	...	09	553
17 ,,	3	90	40	...	01	562	61 ,,	14	00	85	...	05	603	105 ,,	24	11	30	...	09	645
18 ,,	4	13	37	...	01	653	62 ,,	14	23	82	...	05	695	106 ,,	24	34	27	...	09	737
19 ,,	4	36	33	...	01	745	63 ,,	14	46	78	...	05	787	107 ,,	24	57	23	...	09	829
20 ,,	4	59	30	...	01	837	64 ,,	14	69	75	...	05	879	108 ,,	24	80	20	...	09	921
21 ,,	4	82	26	...	01	929	65 ,,	14	92	71	...	05	971	109 ,,	25	03	16	...	10	013
22 ,,	5	05	23	...	02	021	66 ,,	15	15	68	...	06	063	110 ,,	25	26	13	...	10	105
23 ,,	5	28	19	...	02	113	67 ,,	15	38	64	...	06	155	111 ,,	25	49	09	...	10	196
24 ,,	5	51	16	...	02	205	68 ,,	15	61	61	...	06	246	112 ,,	25	72	06	...	10	288
25 ,,	5	74	12	...	02	296	69 ,,	15	84	57	...	06	338	113 ,,	25	95	02	...	10	380
26 ,,	5	97	08	...	02	383	70 ,,	16	07	54	...	06	430	114 ,,	26	17	99	...	10	472
27 ,,	6	20	05	...	02	480	71 ,,	16	30	50	...	06	522	115 ,,	26	40	95	...	10	564
28 ,,	6	43	01	...	02	572	72 ,,	16	53	47	...	06	614	116 ,,	26	63	92	...	10	656
29 ,,	6	65	98	...	02	664	73 ,,	16	76	43	...	06	706	117 ,,	26	86	88	...	10	748
30 ,,	6	88	94	...	02	756	74 ,,	16	99	40	...	06	798	118 ,,	27	09	85	...	10	839
31 ,,	7	11	91	...	02	848	75 ,,	17	22	36	...	06	889	119 ,,	27	32	81	...	10	931
32 ,,	7	34	87	...	02	940	76 ,,	17	45	32	...	06	981	10 shills.	27	55	78	...	11	023
33 ,,	7	57	84	...	03	031	77 ,,	17	68	29	...	07	073	11 ,,	30	31	35	...	12	126
34 ,,	7	80	80	...	03	123	78 ,,	17	91	25	...	07	165	12 ,,	33	06	93	...	13	228
35 ,,	8	03	77	...	03	215	79 ,,	18	14	22	...	07	257	13 ,,	35	82	51	...	14	330
36 ,,	8	26	73	...	03	307	80 ,,	18	37	18	...	07	349	14 ,,	38	58	09	...	15	432
37 ,,	8	49	70	...	03	399	81 ,,	18	60	15	...	07	441	15 ,,	41	33	66	...	16	535
38 ,,	8	72	66	...	03	491	82 ,,	18	83	11	...	07	533	16 ,,	44	09	24	...	17	637
39 ,,	8	95	63	...	03	583	83 ,,	19	06	08	...	07	624	17 ,,	46	84	82	...	18	739
40 ,,	9	18	59	...	03	674	84 ,,	19	29	04	...	07	716	18 ,,	49	60	40	...	19	842
41 ,,	9	41	56	...	03	766	85 ,,	19	52	01	...	07	808	19 ,,	52	35	97	...	20	944
42 ,,	9	64	52	...	03	858	86 ,,	19	74	97	...	07	900	1 pound	55	11	55	...	22	046

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I.—Chinese Weights converted into Metric Weights.

16 taels=1 catty ; 100 catties=1 pecul.—DATA, 1⅓ lb. avoirdupois=1 catty.

	Kilograms.	Hectograms.	Dekagrams.	Grams. decimals.		Kilograms.	Hectograms.	Dekagrams.	Grams. decimals.		Kilograms.	Hectograms.	Dekagrams.	Grams. decimals.
1 tael,	...	...	3	7 . 799	34 catties,	2	5	6	2 . 867	82 catties.	49	5	9	2 . 797
2 „	...	...	7	5 . 599	35 „	21	1	6	7 . 657	83 „	50	1	9	7 . 587
3 „	...	1	1	3 . 398	36 „	21	7	7	2 . 447	84 „	50	8	0	2 . 377
4 „	...	1	5	1 . 198	37 „	22	3	7	7 . 238	85 „	51	4	0	7 . 167
5 „	...	1	8	8 . 997	38 „	22	9	8	2 . 028	86 „	52	0	1	1 . 957
6 „	...	2	2	6 . 796	39 „	23	5	8	6 . 818	87 „	52	6	1	6 . 748
7 „	...	2	6	4 . 596	40 „	24	1	9	1 . 608	88 „	53	2	2	1 . 538
8 „	...	3	0	2 . 395	41 „	24	7	9	6 . 398	89 „	53	8	2	6 . 328
9 „	...	3	4	0 . 195	42 „	25	4	0	1 . 189	90 „	54	4	3	1 . 118
10 „	...	3	7	7 . 994	43 „	26	0	0	5 . 979	91 „	55	0	3	5 . 908
11 „	...	4	1	5 . 793	44 „	26	6	1	0 . 769	92 „	55	6	4	0 . 699
12 „	...	4	5	3 . 593	45 „	27	2	1	5 . 559	93 „	56	2	4	5 . 489
13 „	...	4	9	1 . 392	46 „	27	8	2	0 . 349	94 „	56	8	5	0 . 279
14 „	...	5	2	9 . 191	47 „	28	4	2	5 . 140	95 „	57	4	5	5 . 069
15 „	...	5	6	6 . 991	48 „	29	0	2	9 . 930	96 „	58	0	5	9 . 859
1 catty,	...	6	0	4 . 790	49 „	29	6	3	4 . 720	97 „	58	6	6	4 . 650
2 „	1	2	0	9 . 580	50 „	30	2	3	9 . 510	98 „	59	2	6	9 . 440
3 „	1	8	1	4 . 371	51 „	30	8	4	4 . 300	99 „	59	8	7	4 . 230
4 „	2	4	1	9 . 161	52 „	31	4	4	9 . 091	1 pecul,	60	4	7	9 . 020
5 „	3	0	2	3 . 951	53 „	32	0	5	3 . 881	2 „	120	9	5	8 . 041
6 „	3	6	2	8 . 741	54 „	32	6	5	8 . 671	3 „	181	4	3	7 . 061
7 „	4	2	3	3 . 531	55 „	33	2	6	3 . 461	4 „	241	9	1	6 . 081
8 „	4	8	3	8 . 322	56 „	33	8	6	8 . 251	5 „	302	3	9	5 . 102
9 „	5	4	4	3 . 112	57 „	34	4	7	3 . 042	6 „	362	8	7	4 . 122
10 „	6	0	4	7 . 902	58 „	35	0	7	7 . 832	7 „	423	3	5	3 . 142
11 „	6	6	5	2 . 692	59 „	35	6	8	2 . 622	8 „	483	8	3	2 . 162
12 „	7	2	5	7 . 482	60 „	36	2	8	7 . 412	9 „	544	3	1	1 . 183
13 „	7	8	6	2 . 273	61 „	36	8	9	2 . 202	10 „	604	7	9	0 . 203
14 „	8	4	6	7 . 063	62 „	37	4	9	6 . 993	20 „	1,209	5	8	0 . 406
15 „	9	0	7	1 . 853	63 „	38	1	0	1 . 783	30 „	1,814	3	7	0 . 609
16 „	9	6	7	6 . 643	64 „	38	7	0	6 . 573	40 „	2,419	1	6	0 . 812
17 „	10	2	8	1 . 433	65 „	39	3	1	1 . 363	50 „	3,023	9	5	1 . 015
18 „	10	8	8	6 . 224	66 „	39	9	1	6 . 153	60 „	3,628	7	4	1 . 218
19 „	11	4	9	1 . 014	67 „	40	5	2	0 . 944	70 „	4,233	5	3	1 . 421
20 „	12	0	9	5 . 804	68 „	41	1	2	5 . 734	80 „	4,838	3	2	1 . 624
21 „	12	7	0	0 . 594	69 „	41	7	3	0 . 524	90 „	5,443	1	1	1 . 827
22 „	13	3	0	5 . 384	70 „	42	3	3	5 . 314	100 „	6,047	9	0	2 . 030
23 „	13	9	1	0 . 175	71 „	42	9	4	0 . 104	200 „	12,095	8	0	4 . 06
24 „	14	5	1	4 . 965	72 „	43	5	4	4 . 895	300 „	18,143	7	0	6 . 09
25 „	15	1	1	9 . 755	73 „	44	1	4	9 . 685	400 „	24,191	6	0	8 . 12
26 „	15	7	2	4 . 545	74 „	44	7	5	4 . 475	500 „	30,239	5	1	0 . 15
27 „	16	3	2	9 . 335	75 „	45	3	5	9 . 265	600 „	36,287	4	1	2 . 18
28 „	16	9	3	4 . 126	76 „	45	9	6	4 . 055	700 „	42,335	3	1	4 . 21
29 „	17	5	3	8 . 916	77 „	46	5	6	8 . 846	800 „	48,383	2	1	6 . 24
30 „	18	1	4	3 . 706	78 „	47	1	7	3 . 636	900 „	54,431	1	1	8 . 27
31 „	18	7	4	8 . 496	79 „	47	7	7	8 . 426	1000 „	60,479	0	2	0 . 30
32 „	19	3	5	3 . 286	80 „	48	3	8	3 . 216	2000 „	120,958	0	4	0 . 6
33 „	19	9	5	8 . 077	81 „	48	9	8	8 . 006	3000 „	181,437	0	6	0 . 9

II.—Metric Weights converted into Chinese Weights.

16 taels=1 catty; 100 catties=1 pecul.—DATA, 1⅓ lb. avoirdupois=1 catty.

	Peculs.	Catties.	Taels.	decimals.		Peculs.	Catties.	Taels.	decimals.		Peculs.	Catties.	Taels.	decimals.
1 gram,	...	...	0	026	24 kilograms,	...	39	10	931	74 kilograms,	1	22	5	704
2 ,,	...	...	0	053	25 ,,	...	41	5	386	75 ,,	1	24	0	119
3 ,,	...	...	0	079	26 ,,	...	42	15	842	76 ,,	1	25	10	615
4 ,,	...	...	0	106	27 ,,	...	44	10	297	77 ,,	1	27	5	070
5 ,,	...	...	0	132	28 ,,	...	46	4	753	78 ,,	1	28	15	525
6 ,,	...	...	0	159	29 ,,	...	47	15	208	79 ,,	1	30	9	981
7 ,,	...	...	0	185	30 ,,	...	49	9	664	80 ,,	1	32	4	436
8 ,,	...	...	0	212	31 ,,	...	51	4	119	81 ,,	1	33	14	892
9 ,,	...	...	0	238	32 ,,	...	52	14	575	82 ,,	1	35	9	347
1 dekagram,	...	...	0	265	33 ,,	...	54	9	030	83 ,,	1	37	3	803
2 ,,	...	...	0	529	34 ,,	...	56	3	485	84 ,,	1	38	14	258
3 ,,	...	...	0	794	35 ,,	...	57	13	941	85 ,,	1	40	8	714
4 ,,	...	...	1	058	36 ,,	...	59	8	396	86 ,,	1	42	3	169
5 ,,	...	...	1	323	37 ,,	...	61	2	852	87 ,,	1	43	13	624
6 ,,	...	...	1	587	38 ,,	...	62	13	307	88 ,,	1	45	8	080
7 ,,	...	...	1	852	39 ,,	...	64	7	763	89 ,,	1	47	2	535
8 ,,	...	...	2	116	40 ,,	...	66	2	218	90 ,,	1	48	12	991
9 ,,	...	...	2	381	41 ,,	...	67	12	674	91 ,,	1	50	7	446
1 hectogram,	...	...	2	646	42 ,,	...	69	7	129	92 ,,	1	52	1	902
2 ,,	...	...	5	291	43 ,,	...	71	1	585	93 ,,	1	53	12	357
3 ,,	...	...	7	937	44 ,,	...	72	12	040	94 ,,	1	55	6	813
4 ,,	...	...	10	582	45 ,,	...	74	6	495	95 ,,	1	57	1	268
5 ,,	...	...	13	228	46 ,,	...	76	0	951	96 ,,	1	58	11	724
6 ,,	...	...	15	873	47 ,,	...	77	11	406	97 ,,	1	60	6	179
7 ,,	...	1	2	519	48 ,,	...	79	5	862	98 ,,	1	62	0	634
8 ,,	...	1	5	164	49 ,,	...	81	0	317	99 ,,	1	63	11	090
9 ,,	...	1	7	810	50 ,,	...	82	10	773	1 quintal,	1	65	5	545
1 kilogram,	...	1	10	455	51 ,,	...	84	5	228	2 ,,	3	30	11	091
2 ,,	...	3	4	911	52 ,,	...	85	15	684	3 ,,	4	96	0	636
3 ,,	...	4	15	366	53 ,,	...	87	10	139	4 ,,	6	61	6	182
4 ,,	...	6	9	822	54 ,,	...	89	4	595	5 ,,	8	26	11	727
5 ,,	...	8	4	277	55 ,,	...	90	15	050	6 ,,	9	92	1	273
6 ,,	...	9	14	733	56 ,,	...	92	9	505	7 ,,	11	57	6	818
7 ,,	...	11	9	188	57 ,,	...	94	3	961	8 ,,	13	22	12	364
8 ,,	...	13	3	644	58 ,,	...	95	14	416	9 ,,	14	88	1	909
9 ,,	...	14	14	099	59 ,,	...	97	8	872	1 millier,	16	53	7	454
10 ,,	...	16	8	555	60 ,,	...	99	3	327	2 ,,	33	06	14	91
11 ,,	...	18	3	010	61 ,,	1	00	13	783	3 ,,	49	60	6	36
12 ,,	...	19	13	465	62 ,,	1	2	8	238	4 ,,	66	13	13	82
13 ,,	...	21	7	921	63 ,,	1	4	2	694	5 ,,	82	67	5	27
14 ,,	...	23	2	376	64 ,,	1	5	13	149	6 ,,	99	20	12	73
15 ,,	...	24	12	832	65 ,,	1	7	7	605	7 ,,	115	74	4	18
16 ,,	...	26	7	287	66 ,,	1	9	2	060	8 ,,	132	27	11	64
17 ,,	...	28	1	743	67 ,,	1	10	12	515	9 ,,	148	81	3	09
18 ,,	...	29	12	198	68 ,,	1	12	6	971	10 ,,	165	34	10	54
19 ,,	...	31	6	654	69 ,,	1	14	1	426	20 ,,	330	69	5	1
20 ,,	...	33	1	109	70 ,,	1	15	11	882	30 ,,	496	03	15	6
21 ,,	...	34	11	565	71 ,,	1	17	6	337	40 ,,	661	38	10	2
22 ,,	...	36	6	020	72 ,,	1	19	0	793	50 ,,	826	73	4	7
23 ,,	...	38	0	475	73 ,,	1	20	11	248	100 ,,	1,653	46	9	4

III.—Chinese (Monetary) Weights converted into Metric Weights.

DATA—579·84 grains Troy = 1 tael (monetary).

	Grains.	Decigrams.	Centigrams.	Milligrams.	decimals.		Grains.	Decigrams.	Centigrams.	Milligrams.	decimals.		Grains.	Decigrams.	Centigrams.	Milligrams.	decimals.
1 cash.	...	...	3	7	6	22 taels,	826	6	0	6	5	70 taels,	2,630	1	1	1	6
2 ,,	...	...	7	5	1	23 ,,	864	1	7	9	5	71 ,,	2,667	6	8	4	7
3 ,,	...	1	1	2	7	24 ,,	901	7	5	2	6	72 ,,	2,705	2	5	7	7
4 ,,	...	1	5	0	3	25 ,,	939	3	2	5	6	73 ,,	2,742	8	3	0	7
5 ,,	...	1	8	7	9	26 ,,	976	8	9	8	6	74 ,,	2,780	4	0	3	7
6 ,,	...	2	2	5	4	27 ,,	1,014	4	7	1	6	75 ,,	2,817	9	7	6	8
7 ,,	...	2	6	3	0	28 ,,	1,052	0	4	4	7	76 ,,	2,855	5	4	9	8
8 ,,	...	3	0	0	6	29 ,,	1,089	6	1	7	7	77 ,,	2,893	1	2	2	8
9 ,,	...	3	3	8	2	30 ,,	1,127	1	9	0	7	78 ,,	2,930	6	9	5	8
1 candereen,	...	3	7	5	7	31 ,,	1,164	7	6	3	7	79 ,,	2,968	2	6	8	9
2 ,,	...	7	5	1	5	32 ,,	1,202	3	3	6	8	80 ,,	3,005	8	4	1	9
3 ,,	1	1	2	7	2	33 ,,	1,239	9	0	9	8	81 ,,	3,043	4	1	4	9
4 ,,	1	5	0	2	9	34 ,,	1,277	4	8	2	8	82 ,,	3,080	9	8	8	9
5 ,,	1	8	7	8	7	35 ,,	1,315	0	5	5	8	83 ,,	3,118	5	6	1	0
6 ,,	2	2	5	4	4	36 ,,	1,352	6	2	8	8	84 ,,	3,156	1	3	4	0
7 ,,	2	6	3	0	1	37 ,,	1,390	2	0	1	9	85 ,,	3,193	7	0	7	0
8 ,,	3	0	0	5	8	38 ,,	1,427	7	7	4	9	86 ,,	3,231	2	8	0	0
9 ,,	3	3	8	1	6	39 ,,	1,465	3	4	7	9	87 ,,	3,268	8	5	3	0
1 mace,	3	7	5	7	3	40 ,,	1,502	9	2	1	9	88 ,,	3,306	4	2	6	1
2 ,,	7	5	1	4	6	41 ,,	1,540	4	9	4	0	89 ,,	3,343	9	9	9	1
3 ,,	11	2	7	1	9	42 ,,	1,578	0	6	7	0	90 ,,	3,381	5	7	2	1
4 ,,	15	0	2	9	2	43 ,,	1,615	6	4	0	0	91 ,,	3,419	1	4	5	1
5 ,,	18	7	8	6	5	44 ,,	1,653	2	1	3	0	92 ,,	3,456	7	1	8	2
6 ,,	22	5	4	3	8	45 ,,	1,690	7	8	6	1	93 ,,	3,494	2	9	1	2
7 ,,	26	3	0	1	1	46 ,,	1,728	3	5	9	1	94 ,,	3,531	8	6	4	2
8 ,,	30	0	5	8	4	47 ,,	1,765	9	3	2	1	95 ,,	3,569	4	3	7	2
9 ,,	33	8	1	5	7	48 ,,	1,803	5	0	5	1	96 ,,	3,607	0	1	0	3
1 tael,	37	5	7	3	0	49 ,,	1,841	0	7	8	2	97 ,,	3,644	5	8	3	3
2 ,,	75	1	4	6	0	50 ,,	1,878	6	5	1	2	98 ,,	3,682	1	5	6	3
3 ,,	112	7	1	9	1	51 ,,	1,916	2	2	4	2	99 ,,	3,719	7	2	9	3
4 ,,	150	2	9	2	1	52 ,,	1,953	7	9	7	2	100 ,,	3,757	3	0	2	3
5 ,,	187	8	6	5	1	53 ,,	1,991	3	7	0	2	200 ,,	7,514	6	0	4	7
6 ,,	225	4	3	8	1	54 ,,	2,028	9	4	3	3	300 ,,	11,271	9	0	7	0
7 ,,	263	0	1	1	2	55 ,,	2,066	5	1	6	3	400 ,,	15,029	2	0	9	4
8 ,,	300	5	8	4	2	56 ,,	2,104	0	8	9	3	500 ,,	18,786	5	1	1	7
9 ,,	338	1	5	7	2	57 ,,	2,141	6	6	2	3	600 ,,	22,543	8	1	4	1
10 ,,	375	7	3	0	2	58 ,,	2,179	2	3	5	4	700 ,,	26,301	1	1	6	4
11 ,,	413	3	0	3	3	59 ,,	2,216	8	0	8	4	800 ,,	30,058	4	1	8	8
12 ,,	450	8	7	6	3	60 ,,	2,254	3	8	1	4	900 ,,	33,815	7	2	1	1
13 ,,	488	4	4	9	3	61 ,,	2,291	9	5	4	4	1000 ,,	37,573	0	2	3	5
14 ,,	526	0	2	2	3	62 ,,	2,329	5	2	7	5	2000 ,,	75,146	0	4	7	0
15 ,,	563	5	9	5	4	63 ,,	2,367	1	0	0	5	3000 ,,	112,719	0	7	0	4
16 ,,	601	1	6	8	4	64 ,,	2,404	6	7	3	5	4000 ,,	150,292	0	9	3	9
17 ,,	638	7	4	1	4	65 ,,	2,442	2	4	6	5	5000 ,,	187,865	1	1	7	4
18 ,,	676	3	1	4	4	66 ,,	2,479	8	1	9	6	6000 ,,	225,438	1	4	0	9
19 ,,	713	8	8	7	4	67 ,,	2,517	3	9	2	6	7000 ,,	263,011	1	6	4	3
20 ,,	751	4	6	0	5	68 ,,	2,554	9	6	5	6	8000 ,,	300,584	1	8	7	8
21 ,,	789	0	3	3	5	69 ,,	2,592	5	3	8	6	9000 ,,	338,157	2	1	1	3

IV.—Metric Weights converted into Chinese (Monetary) Weights.

10 cash=1 candareen ; 10 candareens=1mace ; 10 mace=1 tael.—DATA, 579 84 grains troy=1 tael (monetary).

	Taels.	Mace.	Candareens.	Cash.	decimals.		Taels.	Mace.	Candareens.	Cash.	decimals.		Taels.	Mace.	Candareens.	Cash.	decimals.
1 milligram,	...	...	...	0	027	24 grams,	...	6	3	8	756	74 grams,	1	9	6	9	498
2 ,,	...	...	...	0	053	25 ,,	...	6	6	5	371	75 ,,	1	9	9	6	113
3 ,,	...	...	...	0	080	26 ,,	...	6	9	1	986	76 ,,	2	0	2	2	728
4 ,,	...	...	...	0	106	27 ,,	...	7	1	8	601	77 ,,	2	0	4	9	342
5 ,,	...	...	...	0	133	28 ,,	...	7	4	5	216	78 ,,	2	0	7	5	958
6 ,,	...	...	...	0	160	29 ,,	...	7	7	1	830	79 ,,	2	1	0	2	572
7 ,,	...	...	...	0	186	30 ,,	...	7	9	8	445	80 ,,	2	1	2	9	187
8 ,,	...	...	...	0	213	31 ,,	...	8	2	5	060	81 ,,	2	1	5	5	802
9 ,,	...	...	...	0	240	32 ,,	...	8	5	1	675	82 ,,	2	1	8	2	417
1 centigram,	...	...	...	0	266	33 ,,	...	8	7	8	290	83 ,,	2	2	0	9	032
2 ,,	...	...	...	0	532	34 ,,	...	9	0	4	905	84 ,,	2	2	3	5	647
3 ,,	...	...	...	0	798	35 ,,	...	9	3	1	519	85 ,,	2	2	6	2	261
4 ,,	...	...	...	1	065	36 ,,	...	9	5	8	134	86 ,,	2	2	8	8	876
5 ,,	...	...	...	1	331	37 ,,	...	9	8	4	749	87 ,,	2	3	1	5	491
6 ,,	...	...	...	1	597	38 ,,	1	0	1	1	364	88 ,,	2	3	4	2	106
7 ,,	...	...	...	1	863	39 ,,	1	0	3	7	979	89 ,,	2	3	6	8	721
8 ,,	...	...	...	2	129	40 ,,	1	0	6	4	594	90 ,,	2	3	9	5	336
9 ,,	...	...	...	2	395	41 ,,	1	0	9	1	208	91 ,,	2	4	2	1	950
1 decigram,	...	...	...	2	661	42 ,,	1	1	1	7	823	92 ,,	2	4	4	8	565
2 ,,	...	...	...	5	323	43 ,,	1	1	4	4	438	93 ,,	2	4	7	5	180
3 ,,	...	...	...	7	984	44 ,,	1	1	7	1	053	94 ,,	2	5	0	1	795
4 ,,	...	...	1	0	646	45 ,,	1	1	9	7	668	95 ,,	2	5	2	8	410
5 ,,	...	...	1	3	307	46 ,,	1	2	2	4	283	96 ,,	2	5	5	5	025
6 ,,	...	...	1	5	969	47 ,,	1	2	5	0	897	97 ,,	2	5	8	1	639
7 ,,	...	...	1	8	630	48 ,,	1	2	7	7	512	98 ,,	2	6	0	8	254
8 ,,	...	...	2	1	292	49 ,,	1	3	0	4	127	99 ,,	2	6	3	4	869
9 ,,	...	...	2	3	953	50 ,,	1	3	3	0	742	100 ,,	2	6	6	1	484
1 gram,	...	...	2	6	615	51 ,,	1	3	5	7	357	200 ,,	5	3	2	2	968
2 ,,	...	...	5	3	230	52 ,,	1	3	8	3	972	300 ,,	7	9	8	4	452
3 ,,	...	...	7	9	845	53 ,,	1	4	1	0	587	400 ,,	10	6	4	5	936
4 ,,	...	1	0	6	459	54 ,,	1	4	3	7	201	500 ,,	13	3	0	7	420
5 ,,	...	1	3	3	074	55 ,,	1	4	6	3	816	600 ,,	15	9	6	8	904
6 ,,	...	1	5	9	689	56 ,,	1	4	9	0	431	700 ,,	18	6	3	0	388
7 ,,	...	1	8	6	304	57 ,,	1	5	1	7	046	800 ,,	21	2	9	1	872
8 ,,	...	2	1	2	919	58 ,,	1	5	4	3	661	900 ,,	23	9	5	3	356
9 ,,	...	2	3	9	534	59 ,,	1	5	7	0	276	1,000 ,,	26	6	1	4	84
10 ,,	...	2	6	6	148	60 ,,	1	5	9	6	890	2,000 ,,	53	2	2	9	68
11 ,,	...	2	9	2	763	61 ,,	1	6	2	3	505	3,000 ,,	79	8	4	4	52
12 ,,	...	3	1	9	378	62 ,,	1	6	5	0	120	4,000 ,,	106	4	5	9	36
13 ,,	...	3	4	5	993	63 ,,	1	6	7	6	735	5,000 ,,	133	0	7	4	20
14 ,,	...	3	7	2	608	64 ,,	1	7	0	3	350	6,000 ,,	159	6	8	9	04
15 ,,	...	3	9	9	223	65 ,,	1	7	2	9	965	7,000 ,,	186	3	0	3	88
16 ,,	...	4	2	5	837	66 ,,	1	7	5	6	579	8,000 ,,	212	9	1	8	72
17 ,,	...	4	5	2	452	67 ,,	1	7	8	3	194	9,000 ,,	239	5	3	3	56
18 ,,	...	4	7	9	067	68 ,,	1	8	0	9	809	10,000 ,,	266	1	4	8	4
19 ,,	...	5	0	5	682	69 ,,	1	8	3	6	424	20,000 ,,	532	2	9	6	8
20 ,,	...	5	3	2	297	70 ,,	1	8	6	3	039	30,000 ,,	798	4	4	5	2
21 ,,	...	5	5	8	912	71 ,,	1	8	8	9	654	40,000 ,,	1,064	5	9	3	6
22 ,,	...	5	8	5	526	72 ,,	1	9	1	6	268	50,000 ,,	1,330	7	4	2	
23 ,,	...	6	1	2	141	73 ,,	1	9	4	2	883	100,000 ,,	2,661	4	8	4	

V.—British-Indian Weights converted in Metric Weights.

4 dhans = 1 ruttee; 8 ruttes = 1 masha; 12 mashas = 1 tola; 5 tolas = 1 chitak; 16 chitaks = 1 seer; 40 seers = 1 mun, or British maund.—DATA, 1 tola = 180 grains Troy.

	Kilograms.	Hectograms.	Dekagrams.	Grams.	decimals.
1 Dhan,	...	...	...	0	030375
2 „	...	...	...	0	060749
3 „	...	...	...	0	091124
1 Ruttee,	...	...	...	0	121498
2 „	...	...	...	0	242996
3 „	...	...	...	0	364494
4 „	...	...	...	0	485992
5 „	...	...	...	0	607490
6 „	...	...	...	0	728988
7 „	...	...	...	0	850486
1 Masha,	...	...	...	0	971984
2 „	...	...	...	1	943969
3 „	...	...	...	2	915953
4 „	...	...	...	3	887937
5 „	...	...	...	4	859921
6 „	...	...	...	5	831906
7 „	...	...	...	6	803890
8 „	...	...	...	7	775874
9 „	...	...	...	8	747858
10 „	...	...	...	9	719843
11 „	...	...	1	0	691827
1 Tola,	...	...	1	1	66381
2 „	...	...	2	3	32762
3 „	...	...	3	4	99143
4 „	...	...	4	6	65524
1 Chitak or 5 Tolas,	...	...	5	8	31906
2 „ 10 „	...	1	1	6	63811
3 „ 15 „	...	1	7	4	95717
4 „ 20 „	...	2	3	3	27622
5 „ 25 „	...	2	9	1	59528
6 „ 30 „	...	3	4	9	91433
7 „ 35 „	...	4	0	8	23339
8 „ 40 „	...	4	6	6	55244
9 „ 45 „	...	5	2	4	87150
10 „ 50 „	...	5	8	3	19055
11 „ 55 „	...	6	4	1	50961
12 „ 60 „	...	6	9	9	82866
13 „ 65 „	...	7	5	8	14772
14 „ 70 „	...	8	1	6	46677
15 „ 75 „	...	8	7	4	78583
1 Seer 80 „	...	9	3	3	10488
100 „	1	1	6	6	38111
200 „	2	3	3	2	76221
300 „	3	4	9	9	14332
400 „	4	6	6	5	52442
500 „	5	8	3	1	90553
1000 „	11	6	6	3	8111
2000 „	23	3	2	7	6221
2 „	1	8	6	6	20977
3 „	2	7	9	9	31465

	Kilograms.	Hectograms.	Dekagrams.	Grams.	decimals.
4 Seers,	3	7	3	2	41954
5 „	4	6	6	5	52442
6 „	5	5	9	8	62931
7 „	6	5	3	1	73419
8 „	7	4	6	4	83908
9 „	8	3	9	7	94396
10 „	9	3	3	1	04885
11 „	10	2	6	4	15373
12 „	11	1	9	7	25862
13 „	12	1	3	0	36350
14 „	13	0	6	3	46838
15 „	13	9	9	6	57327
16 „	14	9	2	9	67815
17 „	15	8	6	2	78304
18 „	16	7	9	5	88792
19 „	17	7	2	8	99281
20 „	18	6	6	2	09769
21 „	19	5	9	5	20258
22 „	20	5	2	8	30746
23 „	21	4	6	1	41235
24 „	22	3	9	4	51723
25 „	23	3	2	7	62212
26 „	24	2	6	0	72700
27 „	25	1	9	3	83189
28 „	26	1	2	6	93677
29 „	27	0	6	0	04165
30 „	27	9	9	3	14654
31 „	28	9	2	6	25142
32 „	29	8	5	9	35631
33 „	30	7	9	2	46119
34 „	31	7	2	5	56608
35 „	32	6	5	8	67096
36 „	33	5	9	1	77585
37 „	34	5	2	4	88073
38 „	35	4	5	7	98562
39 „	36	3	9	1	09050
1 Maund	37	3	2	4	1954
2 „	74	6	4	8	3908
3 „	111	9	7	2	5862
4 „	149	2	9	6	7815
5 „	186	6	2	0	9769
6 „	223	9	4	5	1723
7 „	261	2	6	9	3677
8 „	298	5	9	3	5631
9 „	335	9	1	7	7585
10 „	373	2	4	1	9539
11 „	410	5	6	6	1492
12 „	447	8	9	0	3446
13 „	485	2	1	4	5400
14 „	522	5	3	8	7354

	Kilograms.	Hectograms.	Dekagrams.	Grams.	decimals.
15 Maunds.	559	8	6	2	9308
16 „	597	1	8	7	1262
17 „	634	5	1	1	3216
18 „	671	8	3	5	5169
19 „	709	1	5	9	7123
20 „	746	4	8	3	9077
21 „	783	8	0	8	1031
22 „	821	1	3	2	2985
23 „	858	4	5	6	4939
24 „	895	7	8	0	6892
25 „	933	1	0	4	8846
26 „	970	4	2	9	0800
27 „	1,007	7	5	3	2754
28 „	1,045	0	7	7	4708
29 „	1,082	4	0	1	6662
30 „	1,119	7	2	5	8616
31 „	1,157	0	5	0	0569
32 „	1,194	3	7	4	2523
33 „	1,231	6	9	8	4477
34 „	1,269	0	2	2	6431
35 „	1,306	3	4	6	8385
36 „	1,343	6	7	1	0339
37 „	1,380	9	9	5	2293
38 „	1,418	3	1	9	4246
39 „	1,455	6	4	3	6200
40 „	1,492	9	6	7	8154
41 „	1,530	2	9	2	0108
42 „	1,567	6	1	6	2062
43 „	1,604	9	4	0	4016
44 „	1,642	2	6	4	5970
45 „	1,679	5	8	8	7923
46 „	1,716	9	1	2	9877
47 „	1,754	2	3	7	1831
48 „	1,791	5	6	1	3785
49 „	1,828	8	8	5	5739
50 „	1,866	2	0	9	7693
60 „	2,239	4	5	1	7231
70 „	2,612	6	9	3	6770
80 „	2,985	9	3	5	6308
90 „	3,359	1	7	7	5847
100 „	3,732	4	1	9	5385
200 „	7,464	8	3	9	0771
300 „	11,197	2	5	8	6156
400 „	14,929	6	7	8	1541
500 „	18,662	0	9	7	6926
600 „	22,394	5	1	7	2312
700 „	26,126	9	3	6	7697
800 „	29,859	3	5	6	3082
900 „	33,591	7	7	5	8468
1000 „	37,324	1	9	5	3853

VI.—Metric Weights converted into British-Indian Weights.

4 dhans=1 ruttee; 8 ruttees=1 masha; 12 mashas=1 tola; 5 tolas=1 chitak; 16 chitaks=1 seer; 40 seers=1 maund.—DATA, 1 tola=180 grains Troy.

	Seers.	Chitaks.	decimals.	OR THUS Tolas.	Mashas.	Ruttees.	Dhans.	decimals.
1 Milligram	...	0·000017	...	...	...	...	0.0329	
2 ,,	...	0·000034	...	...	...	...	0.0658	
3 ,,	...	0·000051	...	...	...	...	0.0988	
4 ,,	...	0·000069	...	...	...	...	0.1317	
5 ,,	...	0·000086	...	...	...	...	0.1646	
6 ,,	...	0·000103	...	...	...	...	0.1975	
7 ,,	...	0·000120	...	...	...	...	0.2305	
8 ,,	...	0·000137	...	...	...	...	0.2634	
9 ,,	...	0·000154	...	...	...	...	0.2963	
1 Centigram	...	0·00017	...	...	...	...	0.3292	
2 ,,	...	0·00034	...	...	...	...	0.6584	
3 ,,	...	0·00051	...	...	...	...	0.9877	
4 ,,	...	0·00069	...	...	...	...	1.3169	
5 ,,	...	0·00086	...	...	...	...	1.6461	
6 ,,	...	0·00103	...	...	...	...	1.9753	
7 ,,	...	0·00120	...	...	...	...	2.3046	
8 ,,	...	0·00137	...	...	...	...	2.6338	
9 ,,	...	0·00154	...	...	...	...	2.9630	
1 Decigram	...	0·00172	...	...	...	...	3.2922	
2 ,,	...	0·00343	...	...	...	1	2.5845	
3 ,,	...	0·00514	...	...	...	2	1.8767	
4 ,,	...	0·00686	...	...	...	3	1.1689	
5 ,,	...	0·00857	...	...	...	4	0.4612	
6 ,,	...	0·01029	...	...	...	4	3.7534	
7 ,,	...	0·01200	...	...	...	5	3.0456	
8 ,,	...	0·01372	...	...	...	6	2.3379	
9 ,,	...	0·01543	...	...	...	7	1.6301	
1 Gram	...	0·01715	...	1	0	0	0.9223	
2 ,,	...	0·03429	...	2	0	1	1.8447	
3 ,,	...	0·05144	...	3	0	2	2.7670	
4 ,,	...	0·06859	...	4	0	3	3.6894	
5 ,,	...	0·08574	...	5	1	0	0.6117	
6 ,,	...	0·10288	...	6	1	1	1.5341	
7 ,,	...	0·12003	...	7	1	2	2.4564	
8 ,,	...	0·13718	...	8	1	3	3.3788	
9 ,,	...	0·15432	...	9	2	0	0.3011	
1 Dekagram	...	0·17147	...	10	2	1	1.2234	
2 ,,	...	0·34294	1	8	4	2	2.4469	
3 ,,	...	0·51441	2	6	6	3	3.6703	
4 ,,	...	0·68588	3	5	1	0	0.8938	
5 ,,	...	0·85735	4	3	3	2	2.1172	
6 ,,	...	1·02882	5	1	5	3	3.3406	
7 ,,	...	1·20029	6	0	0	0	0.5641	
8 ,,	...	1·37176	6	10	2	1	1.7875	
9 ,,	...	1·54323	7	8	4	3	3.0110	
1 Hectogram	...	1·71470	8	6	7	0	0.2344	
2 ,,	...	3·42941	17	1	6	0	0.4688	
3 ,,	...	5·14412	25	8	5	0	0.7032	
4 ,,	...	6·85882	34	3	4	0	0.9376	
5 ,,	...	8·57353	42	10	3	1	1.1720	

	Maunds.	Seers.	Chitaks.	decimals.	OR THUS Tolas.	Mashas.	Ruttees.	Dhans.	decimals.
6 Hectogr.	...	...	10·28823		51	5	2	1.41	
7 ,,	...	...	12·00294		60	0	1	1.64	
8 ,,	...	...	13·71764		68	7	0	1.88	
9 ,,	...	...	15·43235		77	1	7	2.11	
1 Kilogr.	...	1	1·14705		85	8	6	2.34	
2 ,,	...	2	2·29411		171	5	5	0.69	
3 ,,	...	3	3·44116		257	2	3	3.03	
4 ,,	...	4	4·58822		342	11	2	1.38	
5 ,,	...	5	5·73527		428	8	0	3.72	
6 ,,	...	6	6·88233		514	4	7	2.06	
7 ,,	...	7	8·02938		600	1	6	0.41	
8 ,,	...	8	9·17643		685	10	4	2.75	
9 ,,	...	9	10·32349		771	7	2	5.10	
1 Myriagr.	...	10	11·47054		857	4	1	3.44	
2 ,,	...	21	6·94108		1,714	8	3	2.88	
3 ,,	...	32	2·41163		2,572	0	5	2.32	
4 ,,	1	2	13·8821$\frac{6}{6}$		3,429	4	7	1.76	
5 ,,	1	13	9·35271		4,286	9	1	1.20	
6 ,,	1	24	4·82325		5,144	1	3	0.64	
7 ,,	1	35	0·29379		6,001	5	5	0.08	
8 ,,	2	5	11·76433		6,858	9	6	3.52	
9 ,,	2	16	7·23488		7,716	2	0	2.96	
1 Quintal	2	27	2·70542		8,573	6	2	2.4	
2 ,,	5	14	5·4108		17,147	0	5	0.8	
3 ,,	8	1	8·1163		25,720	6	7	3.2	
4 ,,	10	28	10·8216$\frac{6}{6}$		34,294	1	2	1.6	
5 ,,	13	15	13·5271		42,867	7	5	0.0	
6 ,,	16	3	0·2325		51,441	1	7	2.4	
7 ,,	18	30	2·9379		60,014	8	2	0.8	
8 ,,	21	17	5·64$\frac{3}{3}$		68,588	2	4	3.2	
9 ,,	24	4	8·3488		77,161	8	7	1.6	
1 Millier	26	31	11·0542		85,735	3	2	0.0	
2 ,,	53	23	6·11						
3 ,,	80	15	1·16						
4 ,,	107	6	12·22						
5 ,,	133	38	7·27						
6 ,,	160	30	2·33						
7 ,,	187	21	13·38						
8 ,,	214	13	8·4$\frac{3}{3}$						
9 ,,	241	5	3·49						
10 ,,	267	36	14·54						
11 ,,	294	28	9·60						
12 ,,	321	20	4·65						
13 ,,	348	11	15·70						
14 ,,	375	3	10·76						
15 ,,	401	35	5·81						
16 ,,	428	27	0·8$\frac{6}{6}$						
17 ,,	455	18	11·92						
18 ,,	482	10	6·98						
19 ,,	509	2	2·03						

	Maunds.	Seers.	Chitaks.	decimals.
20 Milrs.	535	33	13·08	
21 ,,	562	25	8·14	
22 ,,	589	17	3·19	
23 ,,	616	8	14·25	
24 ,,	643	0	9·30	
25 ,,	669	32	4·35	
26 ,,	696	23	15·41	
27 ,,	723	15	10·46	
28 ,,	750	7	5·52	
29 ,,	776	39	0·57	
30 ,,	803	30	11·63	
31 ,,	830	22	6·68	
32 ,,	857	14	1·7$\frac{3}{3}$	
33 ,,	884	5	12·79	
34 ,,	910	37	7·84	
35 ,,	937	29	2·90	
36 ,,	964	20	13·95	
37 ,,	991	12	9·00	
38 ,,	1,018	4	4·06	
39 ,,	1,044	35	15·11	
40 ,,	1,071	27	10·1$\frac{6}{6}$	
41 ,,	1,098	19	5·22	
42 ,,	1,125	11	0·28	
43 ,,	1,152	2	11·33	
44 ,,	1,178	34	6·38	
45 ,,	1,205	26	1·44	
46 ,,	1,232	17	12·49	
47 ,,	1,259	9	7·55	
48 ,,	1,286	1	2·60	
49 ,,	1,312	32	13·65	
50 ,,	1,339	24	8·71	
51 ,,	1,366	16	3·76	
52 ,,	1,393	7	14·82	
53 ,,	1,419	39	9·87	
54 ,,	1,446	31	4·93	
55 ,,	1,473	22	15·98	
56 ,,	1,500	14	11·0$\frac{3}{3}$	
57 ,,	1,527	6	6·09	
58 ,,	1,553	38	1·14	
59 ,,	1,580	29	12·20	
60 ,,	1,607	21	7·25	
70 ,,	1,875	18	5·79	
80 ,,	2,143	15	4·3$\frac{3}{3}$	
90 ,,	2,411	12	2·88	
100 ,,	2,679	9	1·42	
200 ,,	5,358	18	2·8$\frac{3}{3}$	
300 ,,	8,037	27	4·25	
400 ,,	10,716	36	5·6$\frac{6}{6}$	
500 ,,	13,396	5	7·08	
600 ,,	16,075	14	8·50	

VII.—Bengal, Bombay, and Madras Weights converted into Metric Weights.

BENGAL.—16 Chitaks=1 Seer; 40 Seers=1 Maund. DATA, 1 Maund=74⅔ lbs. Avoirdupois.		BOMBAY.—40 Seers=1 Maund; 20 Maunds=1 Candy. DATA, 1 Candy=560 lbs. Avoirdupois.		MADRAS.—40 Poll=1 Viss; 8 Viss=1 Maund; 20 Maunds=1 Candy. DATA, 1 Candy=500 lbs. Avoirdupois.	
	Kilograms. decimals.		Kilograms. decimals.		Kilograms. decimals.
1 Chitak, . .	0·05291914	1 Seer,	0·31751486	1 Pollam,	0·03543693
2 „ . . .	0·10583829	2 „	0·63502971	2 „	0·07087385
3 „ . . .	0·15875743	3 „	0·95254457	3 „	0·10631078
4 „ . . .	0·21167657	4 „	1·27005943	4 „	0·14174770
5 „ . . .	0·26459571	5 „	1·58757428	5 „	0·17718463
6 „ . . .	0·31751486	6 „	1·90508914	6 „	0·21262156
7 „ . . .	0·37043400	7 „	2·22260400	7 „	0·24805848
8 „ . . .	0·42335314	8 „	2·54011885	8 „	0·28349541
9 „ . . .	0·47627228	9 „	2·85763371	9 „	0·31893233
10 „ . . .	0·52919143	10 „	3·1751486	10 „	0·3543693
1 Seer, . . .	0·84670628	20 „	6·3502971	20 „	0·7087385
2 „ . . .	1·69341257	30 „	9·5254457	30 „	1·0631078
3 „ . . .	2·54011885	1 Maund,	12·7005943	1 Viss,	1·4174770
4 „ . . .	3·38682514	2 „	25·4011885	2 „	2·8349541
5 „ . . .	4·23353142	3 „	38·1017828	3 „	4·2524311
6 „ . . .	5·08023771	4 „	50·8023771	4 „	5·6699082
7 „ . . .	5·92694399	5 „	63·5029713	5 „	7·0873852
8 „ . . .	6·77365027	6 „	76·2035656	6 „	8·5048622
9 „ . . .	7·62035656	7 „	88·9041598	7 „	9·9223393
10 „ . . .	8·46706284	8 „	101·6047541	1 Maund,	11·3398163
20 „ . . .	16·93412568	9 „	114·3053484	2 „	22·6796326
30 „ . . .	25·40118853	10 „	127·0059426	3 „	34·0194489
1 Factory Maund,	33·8682514	11 „	139·7065369	4 „	45·3592652
2 . . „ . .	67·7365027	12 „	152·4071312	5 „	56·6990815
3 . . „ . .	101·6047541	13 „	165·1077254	6 „	68·0388978
4 . . „ . .	135·4730055	14 „	177·8083197	7 „	79·3787141
5 . . „ . .	169·3412568	15 „	190·5089139	8 „	90·7185304
6 . . „ . .	203·2095082	16 „	203·2095082	9 „	102·0583468
7 . . „ . .	237·0777596	17 „	215·9101025	10 „	113·3981630
8 . . „ . .	270·9460109	18 „	228·6106967	11 „	124·7379793
9 . . „ . .	304·8142623	19 „	241·3112910	12 „	136·0777956
10 . . „ . .	338·682514	1 Candy,	254·011885	1 Candy,	226·796326
20 . . „ . .	677·365027	2 „	508·023771	2 „	453·592652
30 . . „ . .	1,016·047541	3 „	762·035656	3 „	680·388978
40 . . „ . .	1,354·730055	4 „	1,016·047541	4 „	907·185305
50 . . „ . .	1,693·412568	5 „	1,270·059426	5 „	1,133·981631
60 . . „ . .	2,032·095082	6 „	1,524·071312	6 „	1,360·777957
70 . . „ . .	2,370·777596	7 „	1,778·083197	7 „	1,587·574283
80 . . „ . .	2,709·460109	8 „	2,032·095082	8 „	1,814·370609
90 . . „ . .	3,048·142623	9 „	2,286·106967	9 „	2,041·166935
100 . . „ . .	3,386·82514	10 „	2,540·118853	10 „	2,267·963261
200 . . „ . .	6,773·65027	20 „	5,080·237705	20 „	4,535·926523
300 . . „ . .	10,160·47541	30 „	7,620·356558	30 „	6,803·889784
400 . . „ . .	13,547·30055	40 „	10,160·475410	40 „	9,071·853045
500 . . „ . .	16,934·12568	50 „	12,700·594263	50 „	11,339·816306
600 . . „ .	20,320·95082	60 „	15,240·713116	60 „	13,607·779568
700 . . „ . .	23,707·77596	70 „	17,780·831968	70 „	15,875·742829
800 . . „ . .	27,094·60109	80 „	20,320·950821	80 „	18,143·706090
900 . . „ . .	30,481·42623	90 „	22,861·069673	90 „	20,411·669351
1000 . . „ . .	33,868·25137	100 „	25,401·188526	100 „	22,679·632613

VIII.—Metric Weights converted into Weights of Bengal, Bombay, and Madras.

	BENGAL. DATA, 1 Maund = 74⅔ lbs. Avoirdupois.			BOMBAY. DATA, 1 Candy = 560 lbs. Avoirdupois.			MADRAS. DATA, 1 Candy = 500 lbs. Avoirdupois.			
	Factory Maunds.	Seers.	Chittaks. dec.	Candy.	Maunds.	Seers. dec.	Candy.	Maund.	Viss.	Pollam. dec.
1 Gram,	..	...	0 . 019	...	...	0 . 00315	...	...	...	0 . 0282
1 Dekagram,	..	...	0 . 189	...	...	0 . 03149	...	...	...	0 . 2822
1 Hectogram,	..	...	1 . 890	...	...	0 . 31495	...	...	...	2 . 8219
2 „	..	...	3 . 779	...	...	0 . 62989	...	...	...	5 . 6438
3 „	...	...	5 . 669	...	...	0 . 94484	...	...	...	8 . 4657
4 „	...	...	7 . 559	...	...	1 . 25978	...	...	...	11 . 2877
5 „	...	...	9 . 448	...	...	1 . 57473	...	...	..	14 . 1096
1 Kilogram,	...	1	2 . 897	...	...	3 . 14946	...	...	...	28 . 2192
2 „	...	2	5 . 794	...	...	6 . 29892	...	...	1	16 . 4383
3 „	...	3	8 . 690	...	...	9 . 44838	...	...	2	4 . 6575
4 „	...	4	11 . 587	...	...	12 . 59784	...	...	2	32 . 8766
5 „	...	5	14 . 484	...	...	15 . 74729	...	...	3	21 . 0958
6 „	...	7	1 . 381	...	...	18 . 89675	...	...	4	9 . 3149
7 „	...	8	4 . 277	...	...	22 . 04621	...	...	4	37 . 5341
8 „	...	9	7 . 174	...	...	25 . 19567	...	...	5	25 . 7532
9 „	...	10	10 . 07	...	...	28 . 34513	...	...	6	13 . 9724
1 Myriagram or 10 Kilograms,	...	11	12 . 968	...	...	31 . 49459	...	...	7	2 . 1915
2 „ 20 „	...	23	9 . 935	...	1	22 . 98918	...	1	6	4 . 3830
3 „ 30 „	...	35	6 . 903	...	2	14 . 48377	...	2	5	6 . 5746
4 „ 40 „	1	7	3 . 870	...	3	5 . 97836	...	3	4	8 . 7661
5 „ 50 „	1	19	0 . 838	...	3	37 . 47295	...	4	3	10 . 9576
6 „ 60 „	1	30	13 . 805	...	4	28 . 96754	...	5	2	13 . 1491
7 „ 70 „	2	2	10 . 773	...	5	20 . 46212	...	6	1	15 . 3406
8 „ 80 „	2	14	7 . 740	...	6	11 . 95671	...	7	0	17 . 5322
9 „ 90 „	2	26	4 . 708	...	7	3 . 45130	...	7	7	19 . 7237
1 Quintal 100 „	2	38	1 . 675	...	7	34 . 94589	...	8	6	21 . 9152
2 „ 200 „	5	36	3 . 351	...	15	29 . 89179	...	17	5	3 . 8304
3 „ 300 „	8	34	5 . 026	1	3	24 . 83768	1	6	3	25 . 7456
4 „ 400 „	11	32	6 . 701	1	11	19 . 78357	1	15	2	7 . 6608
5 „ 500 „	14	30	8 . 377	1	19	14 . 72946	2	4	0	29 . 5760
6 „ 600 „	17	28	10 . 052	2	7	9 . 67536	2	12	7	11 . 4912
7 „ 700 „	20	26	11 . 727	2	15	4 . 62125	3	1	5	33 . 4064
8 „ 800 „	23	24	13 . 403	3	2	39 . 56714	3	10	4	15 . 3216
9 „ 900 „	26	22	15 . 078	3	10	34 . 51304	3	19	2	37 . 2368
1 Millier 1,000 „	29	21	0 . 754	3	18	29 . 45893	4	8	1	19 . 1520
2 „ 2,000 „	59	2	1 . 507	7	17	18 . 9179	8	16	2	38 . 3039
3 „ 3,000 „	88	23	2 . 261	11	16	8 . 3768	13	4	4	17 . 4559
4 „ 4,000 „	118	4	3 . 014	15	14	37 . 8357	17	12	5	36 . 6079
5 „ 5,000 „	147	25	3 . 768	19	13	27 . 2946	22	0	7	15 . 7598
6 „ 6,000 „	177	6	4 . 521	23	12	16 . 7536	26	9	0	34 . 9118
7 „ 7,000 „	206	27	5 . 275	27	11	6 . 2125	30	17	2	14 . 0638
8 „ 8,000 „	236	8	6 . 028	31	9	35 . 6714	35	5	3	33 . 2157
9 „ 9,000 „	265	29	6 . 782	35	8	25 . 1304	39	13	5	12 . 3677
10 „ 10,000 „	295	10	7 . 535	39	7	14 . 5893	44	1	6	31 . 520
20 „ 20,000 „	590	20	15 . 071	78	14	29 . 179	88	3	5	23 . 039
30 „ 30,000 „	885	31	6 . 606	118	2	3 . 768	132	5	4	14 . 559
40 „ 40,000 „	1,181	1	14 . 141	157	9	18 . 357	176	7	3	6 . 079
50 „ 50,000 „	1,476	12	5 . 677	196	16	32 . 946	220	9	1	37 . 598
100 „ 100,000	2,952	24	11 . 35	393	13	25 . 893	440	18	3	35 . 20

TABLE showing Ounces and Drams reduced to the Decimal part of a Pound Avoirdupois.

		1 dram.	2 drams.	3 drams.	4 drams.	5 drams.	6 drams.	7 drams.	8 drams.	9 drams.	10 drams.	11 drams	12 drams.	13 drams.	14 drams.	15 drams.
		00390625	0078125	01171875	015625	01953125	0234375	02734375	03125	03515625	0390625	04296875	046875	05078125	0546875	05859375
1 ounce,	0625	06640625	0703125	07421875	078125	08203125	0859375	08984375	09375	09765625	1015625	10546875	109375	11328125	1171875	12109375
2 „	125	12890625	1328125	13671875	140625	14453125	1484375	15234375	15625	16015625	1640625	16796875	171875	17578125	1796875	18359375
3 „	1875	19140625	1953125	19921875	203125	20703125	2109375	21484375	21875	22265625	2265625	23046875	234375	23828125	2421875	24609375
4 „	25	25390625	2578125	26171875	265625	26953125	2734375	27734375	28125	28515625	2890625	29296875	296875	30078125	3046875	30859375
5 „	3125	31640625	3203125	32421875	328125	33203125	3359375	33984375	34375	34765625	3515625	35546875	359375	36328125	3671875	37109375
6 „	375	37890625	3828125	38671875	390625	39453125	3984375	40234375	40625	41015625	4140625	41796875	421875	42578125	4296875	43359375
7 „	4375	44140625	4453125	44921875	453125	45703125	4609375	46484375	46875	47265625	4765625	48046875	484375	48828125	4921875	49609375
8 „	5	50390625	5078125	51171875	515625	51953125	5234375	52734375	53125	53515625	5390625	54296875	546875	55078125	5546875	55859375
9 „	5625	56640625	5703125	57421875	578125	58203125	5859375	58984375	59375	59765625	6015625	60546875	609375	61328125	6171875	62109375
10 „	625	62890625	6328125	63671875	640625	64453125	6484375	65234375	65625	66015625	6640625	66796875	671875	67578125	6796875	68359375
11 „	6875	69140625	6953125	69921875	703125	70703125	7109375	71484375	71875	72265625	7265625	73046875	734375	73828125	7421875	74609375
12 „	75	75390625	7578125	76171875	765625	76953125	7734375	77734375	78125	78515625	7890625	79296875	796875	80078125	8046875	80859375
13 „	8125	81640625	8203125	82421875	828125	83203125	8359375	83984375	84375	84765625	8515625	85546875	859375	86328125	8671875	87109375
14 „	875	87890625	8828125	88671875	890625	89453125	8984375	90234375	90625	91015625	9140625	91796875	921875	92578125	9296875	93359375
15 „	9375	94140625	9453125	94921875	953125	95703125	9609375	96484375	96875	97265625	9765625	98046875	984375	98828125	9921875	99609375

X.—TABLE showing Pennyweights and Grains reduced to the Decimal Part of an Ounce Troy.

		1 dwt.	2 dwts.	3 dwts.	4 dwts.	5 dwts.	6 dwts.	7 dwts.	8 dwts.	9 dwts.	10 dwts.	11 dwts.	12 dwts.	13 dwts.	14 dwts.	15 dwts.	16 dwts.	17 dwts.	18 dwts.	19 dwts.
		05	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1 grain	002083	05208	10208	15208	20208	25208	30208	35208	40208	45208	50208	55208	60208	65208	70208	75208	80208	85208	90208	95208
2 ,,	00416	05416	10416	15416	20416	25416	30416	35416	40416	45416	50416	55416	60416	65416	70416	75416	80416	85416	90416	95416
3 ,,	00625	05625	10625	15625	20625	25625	30625	35625	40625	45625	50625	55625	60625	65625	70625	75625	80625	85625	90625	95625
4 ,,	0083	0583	1083	1583	2083	2583	3083	3583	4083	4583	5083	5583	6083	6583	7083	7583	8083	8583	9083	9583
5 ,,	010416	06416	11416	16416	21416	26416	31416	36416	41416	46416	51416	56416	61416	66416	71416	76416	81416	86416	91416	96416
6 ,,	0125	0625	1125	1625	2125	2625	3125	3625	4125	4625	5125	5625	6125	6625	7125	7625	8125	8625	9125	9625
7 ,,	014583	06458	11458	16458	21458	26458	31458	36458	41458	46458	51458	56458	61458	66458	71458	76458	81458	86458	91458	96458
8 ,,	016	06	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96
9 ,,	01875	06875	11875	16875	21875	26875	31875	36875	41875	46875	51875	56875	61875	66875	71875	76875	81875	86875	91875	96875
10 ,,	02083	07083	12083	17083	22083	27083	32083	37083	42083	47083	52083	57083	62083	67083	72083	77083	82083	87083	92083	97083
11 ,,	022916	07291	12291	17291	22291	27291	32291	37291	42291	47291	52291	57291	62291	67291	72291	77291	82291	87291	92291	97291
12 ,,	025	075	125	175	225	275	325	375	425	475	525	575	925	675	725	775	825	875	925	975
13 ,,	027083	07708	12708	17708	22708	27708	32708	37708	42708	47708	52708	57708	62708	67708	72708	77708	82708	87708	92708	97708
14 ,,	02916	07916	12916	17916	22916	27916	32916	37916	42916	47916	52916	57916	62916	67916	72916	77916	82916	87916	92916	97916
15 ,,	03125	08125	13125	18125	23125	28125	33125	38125	43125	48125	53125	58125	63125	68125	73125	78125	83125	88125	93125	98125
16 ,,	03	083	13	183	23	283	33	383	43	483	53	583	63	683	73	783	833	883	93	983
17 ,,	035416	08541	13541	18541	23541	28541	33541	38541	43541	48541	53541	58541	63541	68541	73541	78541	83541	88541	93541	98541
18 ,,	0375	0875	1375	1875	2375	2875	3375	3875	4375	4875	5375	5875	6375	6875	7375	7875	8375	8875	9375	9875
19 ,,	039583	08958	13958	18958	23958	28958	33958	38958	43958	48958	53958	58958	63958	68958	73958	78958	83958	88958	93958	98958
20 ,,	0416	0916	1416	1916	2416	2916	3416	3916	4416	4916	5416	5916	6416	6916	7416	7916	8416	8916	9416	9916
21 ,,	04375	09375	14375	19375	24375	29375	34375	39375	44375	49375	54375	59375	64375	69375	74375	79375	84375	89375	94375	99375
22 ,,	04583	09583	14583	19583	24583	29583	34583	39583	44583	49583	54583	59583	64583	69583	74583	79583	84583	89583	94583	99583
23 ,,	047916	09791	14791	19791	24791	29791	34791	39791	44791	49791	54791	59791	64791	69791	74791	79791	84791	89791	94791	99791

XI.—TABLE showing Shillings and Pence reduced to the Decimal Part of a Pound Sterling.

		1 Penny.	2 Pence.	3 Pence.	4 Pence.	5 Pence.	6 Pence.	7 Pence.	8 Pence.	9 Pence.	10 Pence.	11 Pence.
		04166̇	008333̇	012500	016666̇	020833̇	025000	029166̇	033333̇	037500	041666̇	045833̇
1 Shilling, . . .	050000	054166̇	058333̇	062500	066666̇	070833̇	075000	079166̇	083333̇	087500	091666̇	095833̇
2 „	100000	104166̇	108333̇	112500	116666̇	120833̇	125000	129166̇	133333̇	137500	141666̇	145833̇
3 „	150000	154166̇	158333̇	162500	166666̇	170833̇	175000	179166̇	183333̇	187500	191666̇	195833̇
4 „	200000	204166̇	208333̇	212500	216666̇	220833̇	225000	229166̇	233333̇	237500	241666̇	245833̇
5 „	250000	254166̇	258333̇	262500	266666̇	270833̇	275000	279166̇	283333̇	287500	291666̇	295833̇
6 „	300000	304166̇	308333̇	312500	316666̇	320833̇	325000	329166̇	333333̇	337500	341666̇	345833̇
7 „	350000	354166̇	358333̇	362500	366666̇	370833̇	375000	379166̇	383333̇	387500	391666̇	395833̇
8 „	400000	404166̇	408333̇	412500	416666̇	420833̇	425000	429166̇	433333̇	437500	441666̇	445833̇
9 „	450000	454166̇	458333̇	462500	466666̇	470833̇	475000	479166̇	483333̇	487500	491666̇	495833̇
10 „	500000	504166̇	508333̇	512500	516666̇	520833̇	525000	529166̇	533333̇	537500	541666̇	545833̇
11 „	550000	554166̇	558333̇	562500	566666̇	570833̇	575000	579166̇	583333̇	587500	591666̇	595833̇
12 „	600000	604166̇	608333̇	612500	616666̇	620833̇	625000	629166̇	633333̇	637500	641666̇	645833̇
13 „	650000	654166̇	658333̇	662500	666666̇	670833̇	675000	679166̇	683333̇	687500	691666̇	695833̇
14 „	700000	704166̇	708333̇	712500	716666̇	720833̇	725000	729166̇	733333̇	737500	741666̇	745833̇
15 „	750000	754166̇	758333̇	762500	766666̇	770833̇	775000	779166̇	783333̇	787500	791666̇	795833̇
16 „	800000	804166̇	808333̇	812500	816666̇	820833̇	825000	829166̇	833333̇	837500	841666̇	845833̇
17 „	850000	854166̇	858333̇	862500	866666̇	870833̇	875000	879166̇	883333̇	887500	891666̇	895833̇
18 „	900000	904166̇	908333̇	912500	916666̇	920833̇	925000	929166̇	933333̇	937500	941666̇	945833̇
19 „	950000	954166̇	958333̇	962500	966666̇	970833̇	975000	979166̇	983333̇	987500	991666̇	995833̇

For 1 farthing, add ·0010416̇; for 2 farthings, add ·002083̇; for 3 farthings, add ·003125.

XII.—Gold Assay Report.

BRITISH ASSAY REPORT expressed in Decimals, and compared with FRENCH MILLIEMES; also the Grains of Pure Gold out of 12 Ounces of Metal.

British Assay.			British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals Pure being 1.	Grains Pure Gold in 12 oz. Metal.	British Assay.			British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals. Pure being 1.	Grains Pure Gold in 12 oz. Metal.
	carats.	*grs.*					*carats.*	*grs.*			
WORSE.	4		8181	750	4320	WORSE.	2	1 7/8	8877 8400	813 802083	4687½
	3	3 7/8	8196 02217	751 302083	4327½			15/16	8892 0416	815 10416	4695
		15/16	8210 42217	752 60416	4335			7/8	8906 25	816 40625	4702½
		7/8	8224 82118	753 90025	4342½			13/16	8920 45	817 7083	4710
		13/16	8238 63	755 20833	4350			3/4	8934 63360	819 010416	4717½
		3/4	8252 84360	756 310416	4357½			11/16	8948 8063	820 3125	4725
		11/16	8267 06 45	757 8125	4365			5/8	8963 06381	821 614583	4732½
		5/8	8281 25	759 114583	4372½		2	1	8977 12	822 916	4740
	3	3	8295 4	760 416	4380						
							2	0 7/8	8991 47712	824 21875	4747½
	3	2 7/8	8309 63360	761 71875	4387½			13/16	9005 8381	825 520833	4755
		15/16	8323 8063	763 020833	4395			3/4	9019 98063	826 822916	4762½
		13/16	8338 06381	764 322916	4402½			11/16	9034 60	828 125	4770
		3/4	8352 27	765 625	4410			5/8	9048 29654	829 427083	4777½
		11/16	8366 47712	766 927083	4417½			9/16	9062 5	830 72916	4785
		5/8	8080 6381	768 22916	4425			1/8	9076 70345	832 03125	4792½
		9/16	8094 8836	769 33125	4432½		2	0	9090	83	4800
	3	2	8409	770 83	4440						
							1	3 7/8	9105 11336	834 635416	4807½
	3	1 7/8	8423 20654	772 135416	4447½			15/16	9119 3183	835 9375	4815
		15/16	8437 5	773 4375	4455			7/8	9133 59217	837 239583	4822½
		13/16	8451 70345	774 739583	4462½			13/16	9147 12	838 5416	4830
		3/4	8465 66	776 041 6	4470			3/4	9161 98183	839 84375	4837½
		11/16	8480 11336	777 34375	4477½			11/16	9176 1836	841 14583	4845
		5/8	8494 8183	778 64583	4485			5/8	9190 94059	842 447916	4852½
		9/16	8508 59217	779 947916	4492½		1	3	9204 5	843 75	4860
	3	1	8522 17	781 25	4500						
							1	2 7/8	9218 75	845 052083	4867½
	3	0 7/8	8536 03183	782 552083	4507½			15/16	9232 0654	846 35416	4875
		15/16	8551 1336	783 85416	4515			7/8	9247 12560	847 65625	4882½
		13/16	8565 34059	785 15625	4522½			13/16	9261 36	848 9583	4890
		3/4	8579 54	786 4583	4530			3/4	9275 56183	850 260416	4897½
		11/16	8593 75	787 760416	4537½			11/16	9289 77712	851 5625	4905
		5/8	8607 954	789 0625	4545			5/8	9303 97712	852 864583	4912½
		9/16	8622 15059	790 364583	4552½		1	2	9318	8541 6	4920
	3	0	8636	791 6	4560						
							1	1 7/8	9332 38363	855 46875	4927½
	2	3 7/8	8650 56181	792 96875	4567½			15/16	9346 5660	856 77083	4935
		15/16	8664 77712	794 27083	4575			7/8	9360 79654	858 072916	4942½
		13/16	8678 97712	795 572916	4582½			13/16	9375	859 375	4950
		3/4	8693 18	796 875	4590			3/4	9389 20459	860 677083	4957½
		11/16	8707 38363	798 177083	4597½			11/16	9403 409	861 97916	4965
		5/8	8721 5660	799 47916	4605			5/8	9417 61360	863 28125	4972½
		9/16	8733 79654	800 78125	4612½		1	1	9431 8	864 583	4980
	2	3	875	802 083	4620						
							1	0 7/8	9446 02217	865 885416	4987½
	2	2 7/8	8764 20459	803 385416	4627½			13/16	9460 2217	867 1875	4995
		15/16	8778 409	804 6875	4635			3/4	9474 43183	868 489583	5002½
		13/16	8792 61360	805 989583	4642½			11/16	9488 63	869 7916	5010
		3/4	8806 81	807 2916	4650			5/8	9502 84059	871 09375	5017½
		11/16	8821 02217	808 59375	4657½			9/16	9517 045	872 39583	5025
		5/8	8835 2217	809 89583	4665			1/8	9531 25	873 697916	5032½
		9/16	8849 43183	811 197916	4672½		1	0	9545	875	5040
	2	2	8863	812 5	4680		0	3 7/8	9559 63560	876 302083	5047½

XII.—Gold Assay Report.

BRITISH ASSAY REPORT expressed in Decimals, and compared with FRENCH MILLIEMES; also the Grains of Pure Gold out of 12 Ounces of Metal.

British Assay.			British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals Pure being 1.	Grains Pure Gold in 12 oz. Metal.
	carats.	*grs.*			
WORSE.	0	3	9573	877	5055
			9588	878	5062½
			9602	880	5070
			9616	881	5077½
			9630	882	5085
			9644	884	5092½
	0	3	9659	885	5100
	0	2	9673	886	5107½
			9687	888	5115
			9701	889	5122½
			9715	890	5130
			9730	891	5137½
			9744	893	5145
			9758	894	5152½
	0	2	9772	895	5160
	0	1	9786	897	5167½
			9801	898	5175
			9815	899	5182½
			9829	901	5190
			9843	902	5197½
			9857	903	5205
			9872	904	5212½
	0	1	9886	906	5220
	0	0	9900	907	5227½
			9914	908	5235
			9928	910	5242½
			9943	911	5250
			9957	912	5257½
			9971	914	5265
			9985	915	5272½
STANDARD			1.00	916	5280
BETTER.	0	0	1.0014	917	5287½
			1.0028	919	5295
			1.0042	920	5302½
			1.0056	921	5310
			1.0071	923	5317½
			1.0085	924	5325
			1.0099	925	5332½
	0	1	1.0113	927	5340
			1.0127	928	5347½
			1.0142	929	5355
			1.0156	930	5362½
			1.0170	932	5370
			1.0184	933	5377½
			1.0198	934	5385
			1.0213	936	5392½
	0	2	1.0227	937	5400
			1.0241	938	5407½

British Assay.			British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals Pure being 1.	Grains Pure Gold in 12 oz. Metal.
	carats.	*grs.*			
BETTER.	0	2	1.0255	940	5415
			1.0269	941	5422½
			1.0284	942	5430
			1.0298	944	5437½
			1.0312	945	5445
			1.0326	946	5452½
	0	3	1.0340	947	5460
			1.0355	949	5467½
			1.0369	950	5475
			1.0383	951	5482½
			1.0397	953	5490
			1.0411	954	5497½
			1.0426	955	5505
			1.0440	957	5512½
	1	0	1.0454	958	5520
			1.0468	959	5527½
			1.0482	960	5535
			1.0497	962	5542½
			1.0511	963	5550
			1.0525	964	5557½
			1.0539	966	5565
			1.0553	967	5572½
	1	1	1.0568	968	5580
			1.0582	970	5587½
			1.0596	971	5595
			1.0610	972	5602½
			1.0625	973	5610
			1.0639	975	5617½
			1.0653	976	5625
			1.0667	977	5632½
	1	2	1.0681	979	5640
			1.0696	980	5647½
			1.0710	981	5655
			1.0724	983	5662½
			1.0738	984	5670
			1.0752	985	5677½
			1.0767	986	5685
			1.0781	988	5692½
	1	3	1.0795	989	5700
			1.0809	990	5707½
			1.0823	992	5715
			1.0838	993	5722½
			1.0852	994	5730
			1.0866	996	5737½
			1.0880	997	5745
			1.0894	998	5752½
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XIII.—Silver Assay Report.

BRITISH ASSAY REPORT expressed in Decimals, and compared with FRENCH MILLIEMES; also the quantity of Pure Silver out of 2 Ounces of Metal.

British Assay.		British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals Pure being 1.	Oz. and dwts. Pure Silver in 12 oz. Metal.	
oz.	dwts.			oz.	dwts.
WORSE. 2		81981	758	9	2
1	19½	82207	760 16	9	2½
1	19	82432	762 5	9	3
1	18½	82657	764 8	9	3½
1	18	82882	76	9	4
1	17½	83108	768 75	9	4½
1	17	83	770 8	9	5
1	16½	83558	772 916	9	5½
1	16	83783	775	9	6
1	15½	84009	777 08	9	6½
1	15	84234	779 16	9	7
1	14½	84459	781 25	9	7½
1	14	84684	783	9	8
1	13½	84909	785 416	9	8½
1	13	85135	787 5	9	9
1	12½	85360	789 8	9	9½
1	12	85585	791 6	9	10
1	11½	85810	793 75	9	10½
1	11	86036	795 8	9	11
1	10½	86261	797 916	9	11½
1	10	86486	800	9	12
1	9½	86711	802 08	9	12½
1	9	86936	804 16	9	13
1	8½	87162	806 25	9	13½
1	8	87387	808 3	9	14
1	7½	87612	810 416	9	14½
1	7	87837	812 5	9	15
1	6½	88063	814 58	9	15½
1	6	88288	816	9	16
1	5½	88513	818 75	9	16½
1	5	88738	820 8	9	17
1	4½	88963	822 916	9	17½
1	4	89189	825	9	18
1	3½	89414	827 08	9	18½
1	3	89639	829 16	9	19
1	2½	89864	831 25	9	19½
1	2	90090	83	10	
1	1½	90315	835 416	10	0½
1	1	90540	837 5	10	1
1	0½	90765	839 8	10	1½
1		90990	841 6	10	2
0	19½	91216	843 75	10	2½
0	19	91441	845 8	10	3
0	18½	9166	847 916	10	3½
0	18	91891	850	10	4
0	17½	92116	852 08	10	4½
0	17	92342	854 16	10	5
0	16½	92567	856 25	10	5½
0	16	92792	858 3	10	6
0	15½	93017	860 416	10	6½
0	15	93243	862 5	10	7
0	14½	93468	864 58	10	7½
0	14	93693	86	10	8
0	13½	93918	868 75	10	8½
0	13	94143	870 8	10	9
0	12½	94369	872 916	10	9½
0	12	94594	875	10	10
0	11½	94819	877 08	10	10½
0	11	95044	879 16	10	11

British Assay.		British Assay in Decimals Standard being 1.	Milliemes or Fine Weight in Decimals Pure being 1.	Oz. and dwts. Pure Silver in 12 oz. Metal.	
oz.	dwts.			oz.	dwts.
WORSE. 0	10½	95270	881 25	10	11½
0	10	95495	883	10	12
0	9½	95720	885 416	10	12½
0	9	95945	887 5	10	13
0	8½	96170	889 58	10	13½
0	8	96396	891 6	10	14
0	7½	96621	893 75	10	14½
0	7	96846	893 8	10	15
0	6½	97071	897 916	10	15½
0	6	97297	900	10	16
0	5½	97522	902 08	10	16½
0	5	97747	904 16	10	17
0	4½	97972	906 25	10	17½
0	4	98197	908 3	10	18
0	3½	98423	910 416	10	18½
0	3	98648	912 5	10	19
0	2½	98873	914 58	10	19½
0	2	99098	916	11	
0	1½	99324	918 75	11	0½
0	1	99549	920 8	11	1
0	0½	99774	922 916	11	1½
STANDARD		1.00	925	11	2
BETTER.					
0	0½	1.00225	927 08	11	2½
0	1	1.00450	929 16	11	3
0	1½	1.00675	931 25	11	3½
0	2	1.00900	93	11	4
0	2½	1.01126	935 416	11	4½
0	3	1.01351	937 5	11	5
0	3½	1.01576	939 58	11	5½
0	4	1.01801	941 6	11	6
0	4½	1.02027	943 75	11	6½
0	5	1.02252	945 8	11	7
0	5½	1.02477	957 916	11	7½
0	6	1.02702	950	11	8
0	6½	1.02927	952 08	11	8½
0	7	1.03153	954 16	11	9
0	7½	1.03378	956 25	11	9½
0	8	1.03603	958 3	11	10
0	8½	1.03828	960 416	11	10½
0	9	1.04054	962 5	11	11
0	9½	1.04279	964 58	11	11½
0	10	1.04504	96	11	12
0	10½	1.04729	987 5	11	12½
0	11	1.04954	970 8	11	13
0	11½	1.05180	972 916	11	13½
0	12	1.05405	975	11	14
0	12½	1.05630	977 08	11	14½
0	13	1.05855	979 16	11	15
0	13½	1.06081	981 25	11	15½
0	14	1.06306	983	11	16
0	14½	1.06531	985 116	11	16½
0	15	1.06756	987 5	11	17
0	15½	1.06981	989 58	11	17½
0	16	1.07207	991 6	11	18
0	16½	1.07432	993 75	11	18½
0	17	1.07657	995 8	11	19
0	17½	1.07882	997 916	11	19½
PURE. 0	18	1.08108	1.000	12	

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